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P&SN

POLICE AND SECURITY NEWS

The Information Source for Law Enforcement and Homeland Security

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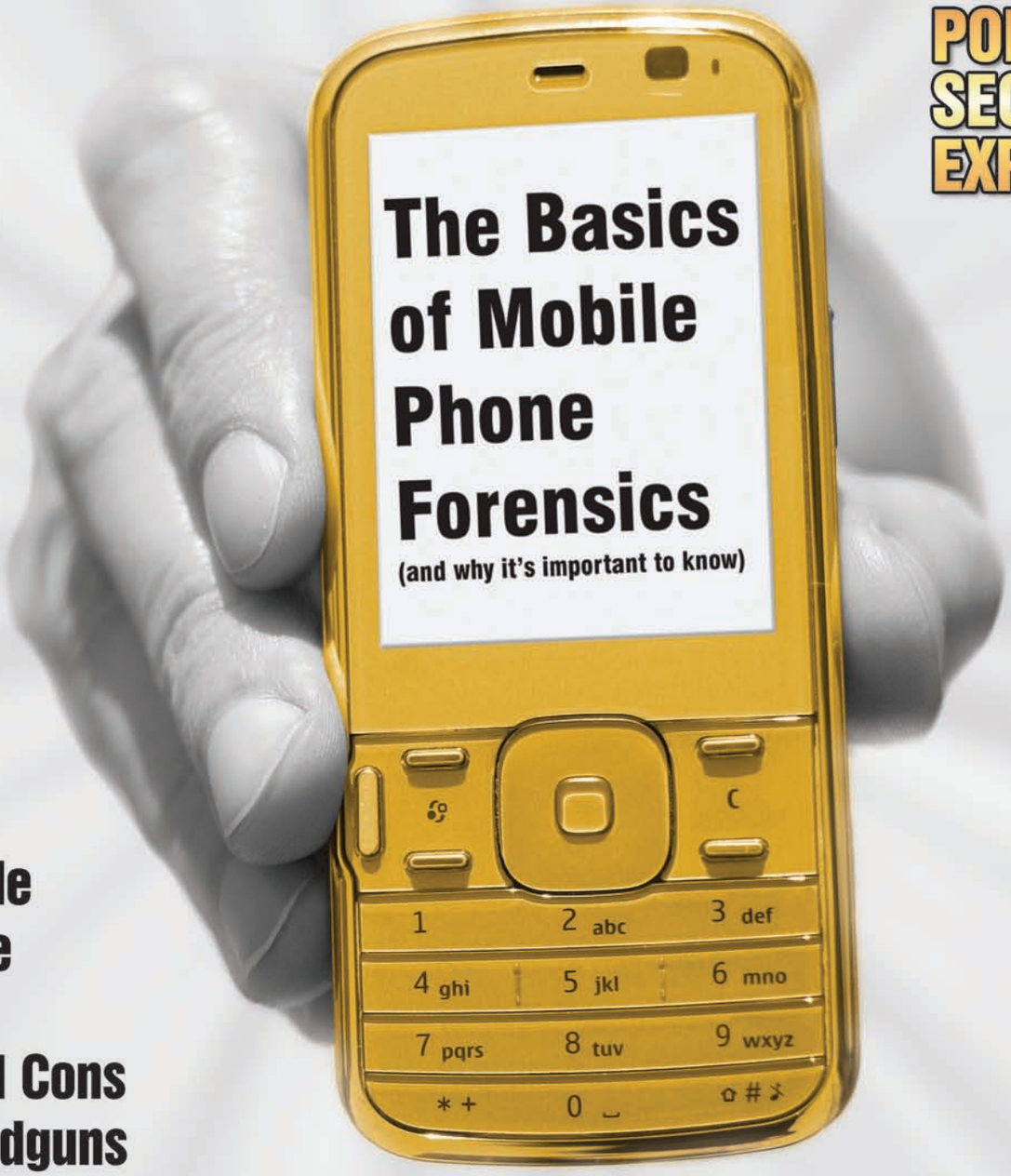

Police Vehicle News Update

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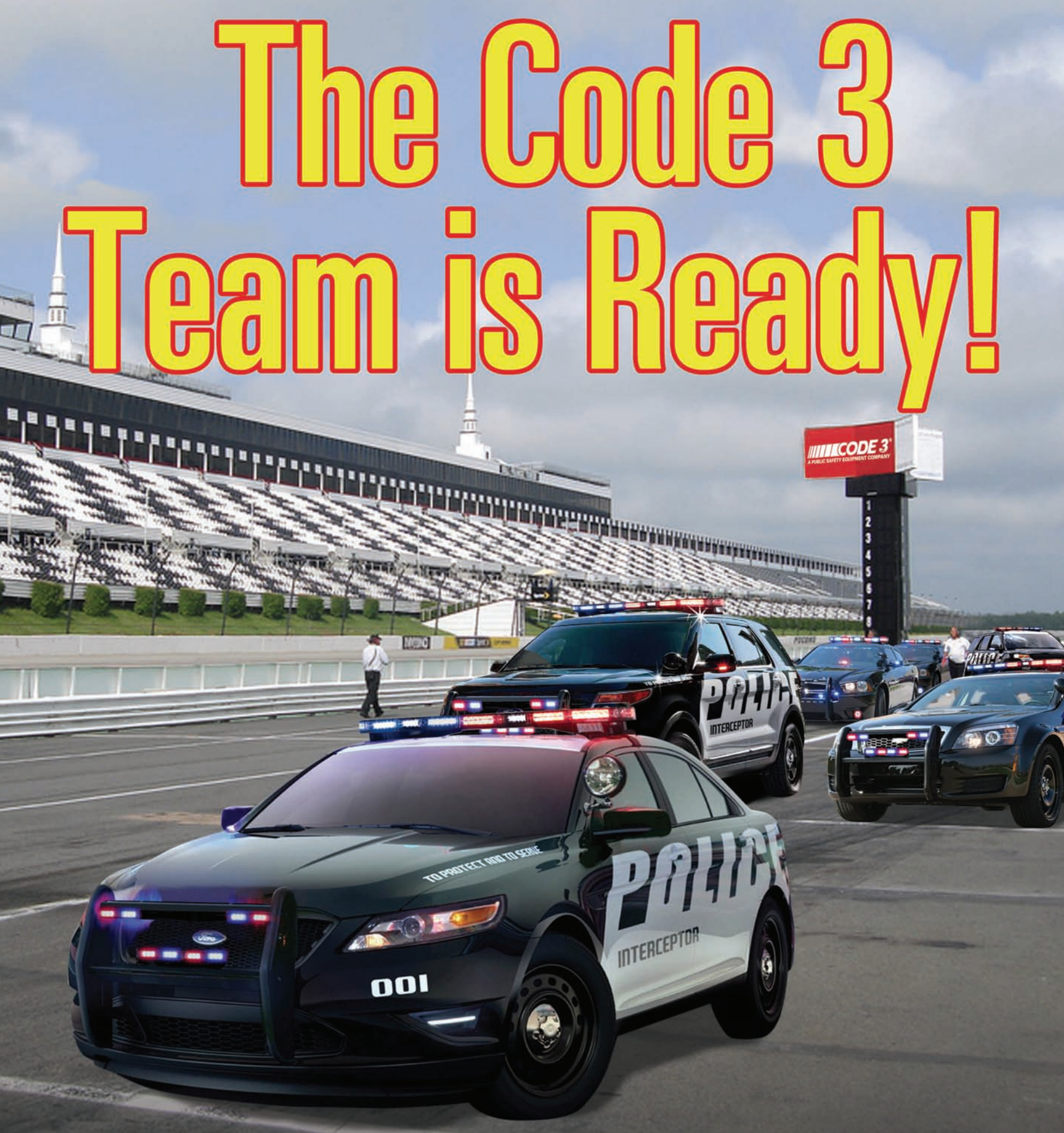

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↑ Space Creator Vehicle Partition

Jotto Desk's new **Space Creator Vehicle Partition** features a bidirectional recessed housing which transforms unused space behind the front passenger seat and provides the much needed knee-/legroom for transporting larger prisoners. This partition solution gives maximum room for the largest of officers and increases room for prisoners, too. This patent pending product is now available for most popular fleet vehicles.

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Havis Ford Interceptor Solutions →

Havis has designed **two equipment consoles** for the 2013 Ford Interceptor sedans and utility vehicles. These options better serve the specific needs of customers and offer up to 100% more internal mounting space than competitive products. This design provides more space for mission critical controls while achieving OEM level quality, fit, and finish.

These standard **consoles** allow for larger equipment control heads to be mounted inside the console without protruding and becoming a safety hazard, plus they allow full access to OEM dash controls, USB ports and power outlets – regardless of the model.

Circle 3005 for More Information

← New In-Car Video System

Digital Ally has introduced the **DVM-400** which was designed for budget conscious agencies like their DVM-100, but provides greater camera control by adding an external infrared forward 10x zoom camera and a rear seat camera. The **DVM-400** also features high quality H.264 video; pre-event recording; covert mode; wireless and integrated microphones; USB and SD card; software; and more.

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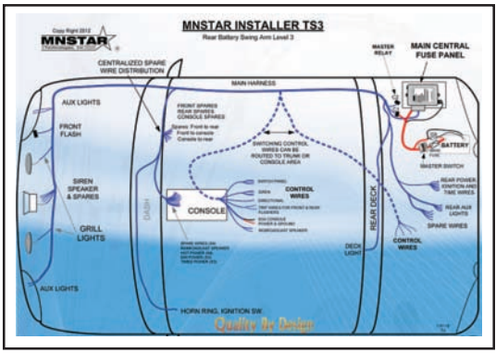

↑ Wire Harness Solutions

MNSTAR Technologies Inc.'s **Installer** and **Integrator Series 2.0** are complete redesigns of the flexible Installer and Integrator Series, providing uniformity for your fleet through every generation and model of police vehicle. The **Installer Series 2.0**, together with the **Integrator Series 2.0**, provide an Adaptable Design Array, creating levels of coverage and functional options to allow a fleet manager to select the correct electrical system for each model and application of vehicle in their fleet. The Adaptable Design Array ranges from a front lights and base power distribution comparable to factory prep packages to a complete patrol vehicle.

Circle 3009 for More Information

New Docking Station for the Panasonic Toughbook® 53 →

Gamber-Johnson recently introduced the **CF53** docking station designed for the Panasonic Toughbook 53. By using a small docking station footprint, it maximizes the space available inside the vehicle. The **CF53** weighs 6.5 lbs. without a power supply and 7.5 lbs. with an internal power supply. The latch has a built-in keyed lock for theft deterrence.

Circle 3008 for More Information

New Console for Dodge Charger

RAM® Mounts has introduced a **Tough-Box Console** for the 2011-2012 Dodge Charger Police Pursuit Vehicle. The lightweight, durable **console** eliminates the need for a leg kit, as well as an integrated top plate, with its innovative design. It is also over 15 pounds lighter and 30% less expensive than earlier models. No special tools are required for installation.

Circle 3010 for More Information

New Solution for Ford Utility PI

Gamber-Johnson recently introduced a new vehicle specific **console box** designed specifically for the 2012-2013 Ford Utility Police Interceptor (PI). The **console box** attaches right to the vehicle without a need for a leg kit or a top plate. The top mounting platform allows the computer to be mounted offset towards the passenger side. The vertical, angled section accommodates six inches of mounting space and is designed to house full-sized radios. The horizontal, low profile section accommodates seven inches of mounting space with an internal cup holder. A 12 volt plug insert is located on the passenger side. Made of heavy gauge steel, the **console box** is fully welded for long-term durability.

Circle 3013 for More Information

New High Fidelity Wireless Microphone

WatchGuard Video recently announced the first true **high fidelity digital wireless microphone** for police in-car video systems. It is designed around a high power industrial radio modem with a fractal antenna instead of cordless telephone technology. This new technology provides a one to two mile range and near CD audio quality. Its high capacity battery allows up to 30 hours of talk time, or almost a month of standby time, on a single charge.

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RX 2700CC™ MC Lightbar

Code3®, Inc. now offers the enhanced **RX 2700CC with MultiColor (MC) capability**. This multicolor lightbar uses the latest PriZm™ II LED multicolor technology to provide intense color which is 20% brighter than any competitive multicolor technology on the market.

This next generation lightbar provides multiple colors from one lighthead module – no splits, just one full color signal followed by another full color signal. Literally, it's two full lightbars in one!

The MC can create all the white light you will need at the push of a button. This provides increased takedown lighting at no additional cost or loss of emergency warning positions.

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New Fender Light

Whelen Engineering has introduced the **SideKick™ ION™** fender light for the 2012 Chevy Caprice and 2013 Ford Interceptor police vehicles. The **SideKick** shrugs off moisture, salt, chemicals, and road vibration and adds critical lighting coverage to the side of your vehicle. It mounts easily without removing the fender; there are 25 Scan-Lock™ flash patterns to choose from in single or split colors.

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New Caprice Storage System

From Pugs Cabinet Systems, the **CPTT-12** equipment storage system maximizes cargo area while protecting electrical equipment and comes standard with open vented cooling wings and two compression latches on a hinged door. Both fleet and retail versions of the **CPTT-12** are available and can be tailored with optional fans or locking latches. Once installed, you have easy access to service equipment, 13.5 cubic feet of storage room, and access to the spare tire.

Circle 3015 for More Information

Ramesh Nyberg

A PROPENSITY FOR PITCHFORKS

Most people don't learn from history because they are completely disinterested in it.

My own stepchildren, God bless them, are excellent students and excellent young people. Their interest in what brought them here, however, is nonexistent. The idea that there was a chain of historical events which has shaped the very environment they wake up in, text in, and go to school in seems lost as well. I offer this up only because I believe that, if you want to change things, you have to care. And, to care, you have to understand.

This is supposedly the age of megainformation. We are bombarded with E-mails, alerts, blogs, tweets, and other forms of electronic notification 24/7. At the touch of our finger, we have access to everything. Still, however, we fail to understand the workings of things which matter – like our justice system.

The Trayvon Martin case has demonstrated, in HD, that we use our technology for mostly one thing: to be entertained. When matters of justice and law suddenly confront most people, they are confounded. And, for all the passion our society has for watching "crime" shows on TV, real crime issues present rules and principles of which we are starkly ignorant.

Very few people in our country – or even in my home state, for that matter – knew anything about the "Stand Your Ground" legislation which became attached to Florida's self-defense statutes. Until a couple of weeks ago, most Florida citizens were equally in the dark about the difference between first-degree murder, second-degree murder, and manslaughter. The "investigations" they have seen on television always lead to an arrest at the end of the hour and it is hard to undo that kind of indoctrination.

So, when cell phone screens lit up across the peninsula about the death of Trayvon Martin, a 17-year-old black male, at the hands of George Zimmerman, a 29-year-old white male, our "information-rich" population stormed the castle brandishing their pitchforks and torches, calling for the head of the monster.

Don't get me wrong. Even as the preliminary events have unfolded, I, like so many others, believe that George Zimmerman's decision-making ultimately got Trayvon Martin killed and it didn't have to happen. But, the townsfolk with the pitchforks and torches immediately pointed the finger at the "racist" police department of Sanford. Why wasn't Zimmerman arrested? Why is it taking so long? It *must* be because he is white and the cops are racist!

No one stood up and explained that homicide investigations often take much longer than 24 hours to resolve – often longer than the 45 days it ultimately took to arrest Zimmerman. And, then, a bomb of a story came out, one which exonerated the police department: The police had gone to the Seminole County State Attorney's Office (SAO) early on and asked for a warrant to arrest Zimmerman. The SAO declined, saying they didn't feel comfortable with issuing one and that the police should work more into the case to get stronger probable cause. I've had this conversation with prosecutors many times. They want a solid case with which to go to court. Once you arrest someone, you start the speedy trial clock ticking and you are under the gun then to produce discovery to the defense and the train is leaving the station, never to go back. You'd better have your stuff together.

That development, and some other facts which have come to light, have sent many of the townsfolk home to douse their torches. They are still vocal; it's just a bit quieter now. Trayvon Martin's parents seem to have helped with their comments in quelling the uproar.

The lack of definitive evidence and testimony in this case was reflected in Zimmerman's bond

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hearing on Friday, April 20th. The judge could not find "proof evident and presumption (of guilt) great," in the testimony before him and ruled that Zimmerman could bond out with $150,000.

People who took the time to watch learned much about our system and they'll learn more as the trial process goes on. It's likely there will be a motion to suppress at some point. Bits and pieces of Zimmerman's statements to the police were revealed in the hearing. If you saw the video of him being taken into the police station, you'll remember he was handcuffed. That means he was *in custody*. If he is in custody and being questioned, *Miranda* warnings are required, regardless of whether he was charged with anything, or not. If he was not *Mirandized*, the next thing we might be watching is a motion to suppress hearing and the prosecution will lose the statement from that night, if that's the case.

This is an uphill battle for the prosecution. There is nothing cut-and-dry about this case, and there seems to be little (that we know of so far) to combat Zimmerman's claim of self-defense. There was a picture leaked to the media which shows bleeding wounds on the back and top of Zimmerman's head. That this "lends credence" to his defense is secondary – it lends a bigger obstacle to the prosecution: to prove, beyond a reasonable doubt, to each and every juror that Zimmerman is the one whose acts were "imminently dangerous to another and evincing a depraved mind regardless of human life" (F.S. 784.02 [2]) enough to cause Martin's death.

To add to the cyclorama, our illustrious governor, unable to resist getting involved, ordered a second investigation to be conducted by the Florida Department of Law Enforcement. I've worked with many FDLE agents. They are a very competent group. When you add a parallel investigation, however, you've added additional discoverable material. The defense can put the FDLE's reports and witness statements side by side with the Sanford Police Department's investigative findings and find discrepancies. The chances that the defense will find differences in the documentation of witnesses' information, of scene measurements, and of the verbiage of the reports are great. They will use it to create reasonable doubt. Governor Scott also took the prosecution from the hands of the Seminole County SAO and gave it to a statewide prosecutor, Angela Corey. Ms. Corey did the same thing the Seminole County SAO did: She took her time to make an intelligent charging decision. Governor Scott, while he probably sees his intervention as some sort of heroics, has done little more than to assist in muddying the waters of an already murky creek.

Can Zimmerman be convicted? That depends on the skill of the prosecution and who is on the jury. It depends on a lot of factors which will unfold on our television screens in the next eight months to a year (my prediction of how long it will take to get to trial).

The sad part (besides Trayvon Martin being dead) is that this trial, like the O.J. Simpson trial, will bestow celebrity status to everyone involved – judge, defense, defendant, prosecution, and witnesses. There will be books written and, maybe, even a movie or two. You can bet on it. It's the way we are.

By watching the trial, the majority of our information-rich, reality starved populace may learn about the real-life proceedings of the justice system and how our courts operate. How long they will remember it, though, before they go back to their comfort zone of distractions, apps, and fantasy TV shows, is another matter. Just look at the bond hearing. How long did most people watch? It was long and it didn't have a bunch of cool graphics. It didn't have three-dimensional images of the victim's body being rotated in space so

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investigators could look at it.

We do love our entertainment, don't we? And, we really don't like it when "real stuff" (which is boring by comparison) gets in the way.

There will be another Trayvon Martin case because there have been cases like it before and they just never got the attention this case did. I could go into cases I've investigated which were not suppositions, but were clearly racial in nature. Some of you reading this column are nodding because you have them, too. But, to try and tell those stories to the general public would be like, well, learning from "history," wouldn't it? To care, you have to understand.

Besides, we only get our pitchforks and torches out when it suits us.

About the Author: Ramesh Nyberg retired from law enforcement in November 2006. He spent 27 years in police work in South Florida, 22 of those years in homicide as an investigator. He has taught homicide investigations and interview/interrogations at the local police academy. He now teaches criminal justice classes at a Legal Affairs Academy program in a magnet high school in Miami. His students frequently read the copies of Police and Security News *he brings to the classroom.*

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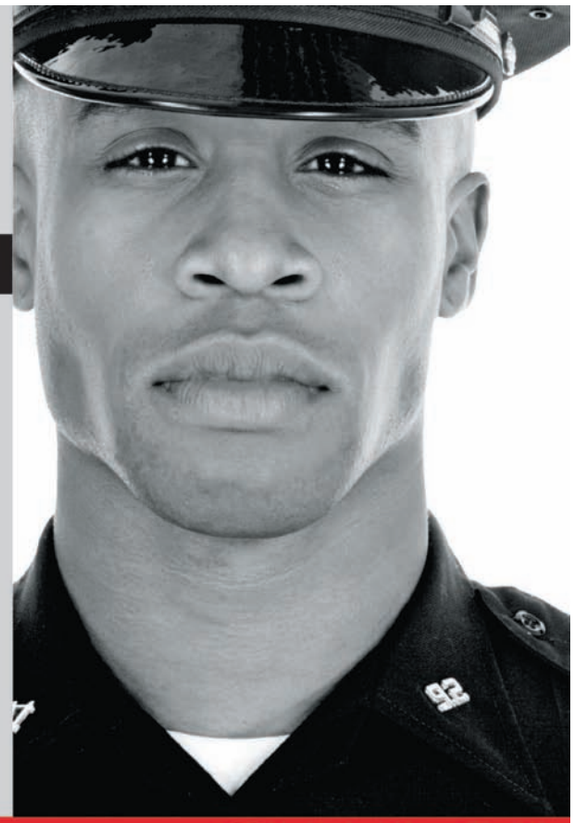

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Just Ask Mike...

Michael Carpenter

TARGETED FOR TROUBLE?

An officer questions whether he has been singled out for unfair disciplinary action at work.

Dear Mike,

I'm sure that I'm not the only police officer who reads your column and has problems with his sergeant, and I'm sure my particular problem isn't unusual, but it really has created some problems for me personally. My problem is that my sergeant doesn't treat all the officers on our shift fairly. If he likes you, then you can get away with almost anything. If he doesn't like you, then he makes a big deal out of the smallest things.

Of course, you can probably already guess that I am not on his "like list." I am by no means a supercop, but I do a pretty good day's work – my numbers are better than average; I do a good job dealing with the calls that I'm sent on; and I get along okay with the other guys on my shift. But, for some reason (and I really don't know why), my sergeant has had a problem with me since I got transferred to his shift about two years ago. I thought initially that his attitude towards me would level off after a while, but it hasn't. I don't screw up; I don't get complaints filed against me; and I don't think that I've ever caused him any problems as the result of my work.

Here's a recent example. We have a policy in our department which says that you have to file a preliminary report on any criminal complaint within 72 hours. Well, about a month ago, I had a lot of things going on (professionally and personally). I told my sergeant that I was getting behind and I needed a couple of days to sort things out. I got my late reports done on my days off and had everything in when I got back – but two days after the 72 hour deadline. He wrote me up on charges ("dereliction of duty" and "failure to comply with agency policies"). This looks bad in my personnel file (especially when promotion time comes around), but the thing that really burns me is that there are two other officers on my shift who turn in late reports ALL the time and nothing ever happens to them because he "likes" them. There are other similar problems with certain employees not being treated fairly.

Do you have any thoughts?

You are certainly correct when you said that this is not an unusual problem. It certainly would make for a better work environment if all bosses treated all employees fairly. Why don't they? Unfortunately, because bosses are human – with all of the weaknesses, quirks and personality disorders which humans tend to have, and (of course) employees are human, too.

But, before we put a bull's-eye on your sergeant's chest, let's look at some of your specific issues:

1. Let's look at the initial action which started your problem – your transfer to his shift. Was there a specific reason for your transfer? Were you transferred voluntarily or involuntarily? If you were transferred voluntarily, why did you choose that particular shift and that particular sergeant. Did you do any homework about him or the shift before you transferred?

If you were transferred involuntarily, the obvious question is why? If you were transferred for a reason, I am sure that your sergeant is aware of the reason. Often, an officer's reputation precedes him – whether good or bad. What I mean is that, if you were labeled as a "troublemaker," "malcontent," "slacker," or another negative term from your old shift, then your present sergeant may not have wanted you on his shift to begin with. (I know that we don't like to think anyone would think those things about us, but it happens – sometimes without us knowing about it!)

2. I don't doubt what you say in your E-mail to me. It might be time for a professional effort to clear the air. Do not let this get into personalities and accusations. Maybe if you were to make the opening effort, something like this, "Sarge, I don't want to cause you any problems. I think I do a pretty good day's work, but if I do my job better, that means less problems for both of us. What can I do to do my job better?" That should open up some

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PTSD Can Affect 911 Dispatchers Following Traumatic Events

Northern Illinois University researchers have conducted a study showing that even indirect exposure to severe stress can raise the risk of PostTraumatic Stress Disorder (PTSD). Dispatchers who reported feeling emotional distress about the calls they handle were more likely to experience symptoms of PTSD.

PTSD is common among police officers and other first responders, but this study was the first to examine stress among dispatchers. The researchers expect it to help redefine what constitutes a "traumatic event," broadening beyond directly experienced events to include any event in which emergency personnel must control their emotions, collect important information, and communicate with all relevant responders – including those from other agencies and jurisdictions – sometimes while lives are at stake.

The 171 dispatchers who responded to the research survey – most of whom were female Caucasians with 11 or more years on the job – identified unexpected injury or death of a child, suicidal callers, officer involved shootings, and unexpected death of an adult as their worst calls. During such calls, they experienced fear, helplessness or horror, the kinds of emotions which comprise "peritraumatic stress."

Compounding the problem, dispatchers may not have enough time to process what happened before they must answer the next call. The result is that researchers found a "moderate relationship" between the dispatchers' emotional reactions and PTSD symptom severity. Three and a half percent of respondents had severe enough symptoms to qualify as PTSD patients.

Researchers believe their study is enough to support the need for better prevention and intervention specifically for dispatchers. To read the abstract, see **http://onlinelibrary.wiley.com/doi/10.1002/jts.21687/abstract**.

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dialogue. Listen to what he says – don't object, don't interrupt, and don't get mad. All of us need to remember this next point: It is not how good we think we are that matters – it is how good our bosses think we are! It is a variation of the self-fulfilling prophecy: If our bosses think we are a bad employee, then they treat us like a bad employee. If our bosses think that other employees are good employees, then they treat them like good employees (even when they turn in late reports).

3. Let's look at the last issue you mentioned about being treated unfairly for turning in late reports. Be honest. Is this the first time you've turned in a late report? If it is the first time, and you explained to the sergeant about your professional and personal problems and he then wrote you up, then it might be viewed as being unfair. If you have turned in late reports before, well....

If you were unfairly disciplined, then I hope that you have a grievance procedure in your agency to deal with unfair treatment. It may be that the sergeant does not really see where his treatment of you is unfair. Maybe a very professional inquiry to him might open up some dialogue. "Sarge, I know that I got my reports in late last week, but it is my first time and I was hoping that, by letting you know about my issues, you would use some discretion. I understand, of course, if everyone gets written up for late reports, regardless of the reason." If that doesn't work, then I am sure that you can follow your formal grievance procedure.

4. Of course, a reality is that you might not "fit" on the shift (even though you may think you do). Some supervisors look for certain types of employees and you might not fit what your supervisor is looking for. For example, some supervisors are laid back and do the minimums, so they tend to like employees who are laid back and do the minimums. Some supervisors are type A and commit 110% to every task and every shift. They expect the same from their employees. You get the idea. It could be that you are not meeting your sergeant's expectations, even though you think you are doing everything right. The treatment you are getting might truly be unfair, but it might also be a message from your sergeant trying to tell you that you might do better on another shift.

5. One thing that all supervisors need to remember – regardless of rank – is the concept of inconsistent discipline. This is a legal standard which is a regular focal point in labor relations/discipline hearings and civil litigation. In a formal proceeding (like a labor relations hearing or a civil court lawsuit), often a critical point which a supervisor has to explain is inconsistent discipline. If it can be documented that a supervisor treats employees unfairly, then that boss will surely lose in court. It is a very difficult challenge for some supervisors to apply policies and discipline for all of their employees. Some bosses tend to punish the employees they don't like and look the other way when their favorite employees or their friends make mistakes. A responsible employee knows when they screw up and are usually willing to admit it, while some underachieving employees are too busy looking for excuses and trying to avoid responsibility. Supervisors have a duty to apply discipline fairly to all employees.

Maybe, somewhere in all of this lies your answer. I think you are the best person to decide.

About the Author: Mike Carpenter has been on the police side of criminal justice for more than 25 years. He started out as a city cop and then went to a state police agency (trooper, detective and patrol sergeant). After that, he worked for the New York State Police Division of Criminal Justice as a police training specialist.

Currently, he teaches criminal justice courses at a college in upstate New York. He has two master's degrees; has been a certified police trainer for more than 20 years; has written numerous articles; and operates a police management consulting business (www.policemanagement.com).

Mike Carpenter has the background and experience to help answer questions and solve problems. If you have a question relating to law enforcement, and you don't know where to go for an answer, then just E-mail Mike at **mcarpenter@policemanagement.com.** Mike Carpenter respects the privacy of all those who make inquiries.

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Photo courtesy of US Drug Enforcement Administration

Larry E. Holtz, Esq.

POLICE-CREATED EXIGENT CIRCUMSTANCES

Will a warrantless home entry be justified by "exigent circumstances," in a situation when the police, by knocking on the door of a residence and announcing their presence, cause the occupants to attempt to destroy evidence?

Recently, in *Kentucky v. King*, 131 *S.Ct.* 1849 (2011), the United States Supreme Court said, "Yes!" Even though the exigency in this case may have been "police created," the officers' actions prior to their entry into the apartment were "entirely lawful." The exigent circumstances rule "applies when the police do not gain entry to premises by means of an actual or threatened violation of the Fourth Amendment."

The Case: Police officers from Lexington, Kentucky, set up a controlled buy of crack cocaine outside an apartment complex. As soon as the buy was completed, Officer Gibbons "radioed uniformed officers to move in on the suspect. He told the officers that the suspect was moving quickly toward the breezeway of an apartment building and he urged them to 'hurry up and get there' before the suspect entered an apartment."

"In response to the radio alert, the uniformed officers drove into the nearby parking lot, left their vehicles, and ran to the breezeway. Just as they entered the breezeway, they heard a door shut and detected a very strong odor of burnt marijuana. At the end of the breezeway, the officers saw two apartments, one on the left and one on the right, and they did not know which apartment the suspect had entered. Gibbons had radioed that the suspect was running into the apartment on the right, but the officers did not hear this statement because they had already left their vehicles. Because they smelled marijuana smoke emanating from the apartment on the left, they approached the door of that apartment."

Officer Cobb, one of the uniformed officers who approached the door, knocked and announced loudly, "This is the police" or "Police, police, police." According to Cobb, as soon as the officers started banging on the door, they "could hear people inside moving," and it sounded as though "things were being moved inside the apartment." These noises, according to Cobb, "led the officers to believe that drug-related evidence was about to be destroyed."

"At that point, the officers announced that they 'were going to make entry inside the apartment.' Cobb then kicked in the door, the officers entered the apartment, and they found three people in the front room: [defendant] Hollis King, [his] girlfriend, and a guest who was smoking marijuana. The officers performed a protective sweep of the apartment during which they saw marijuana and powder cocaine in plain view. In a subsequent search, they also discovered crack cocaine, cash, and drug paraphernalia."

Subsequently, the police entered the apartment on the right. "Inside, they found the suspected drug dealer who was the initial target of their investigation."

The Law: The Kentucky Supreme Court determined that exigent circumstances could not justify the search because it was "reasonably foreseeable that the occupants would destroy evidence when the police knocked on the door and announced their presence." *The United Supreme Court disagreed and reversed.* According to the Court, the exigent circumstances exception to the written warrant requirement applies when the police do not impermissibly create the exigency – that is, "by engaging or threatening to engage in conduct that violates the Fourth Amendment."

One of the well recognized exceptions to the written warrant requirement applies "when 'the exigencies of the situation' make the needs of law enforcement so compelling that [a] warrantless search is objectively reasonable under the Fourth Amendment.' " Once such exigency involves "the need to prevent the imminent destruction of evidence."

"Over the years, lower courts have developed an exception to the exigent circumstances rule, the

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so-called 'police-created exigency' doctrine. Under this doctrine, police may not rely on the need to prevent destruction of evidence when that exigency was 'created' or 'manufactured' by the conduct of the police."

"In applying this exception for the 'creation' or 'manufacturing' of an exigency by the police, courts require something more than mere proof that fear of detection by the police caused the destruction of evidence. An additional showing is obviously needed because * * * in the vast majority of cases in which evidence is destroyed by persons who are engaged in illegal conduct, the reason for the destruction is fear that the evidence will fall into the hands of law enforcement. Destruction of evidence issues probably occur most frequently in drug cases because drugs may be easily destroyed by flushing them down a toilet or rinsing them down a drain. Persons in possession of valuable drugs are unlikely to destroy them unless they fear discovery by the police. Consequently, a rule that precludes the police from making a warrantless entry to prevent the destruction of evidence whenever their conduct causes the exigency would unreasonably shrink the reach of this well established exception to the warrant requirement."

"[W]arrantless searches are allowed when the circumstances make it reasonable, within the meaning of the Fourth Amendment, to dispense with the warrant requirement." In this regard, the "exigent circumstances rule justifies a warrantless search when the conduct of the police preceding the exigency is reasonable in the same sense. Where, as here, the police did not create the exigency by engaging or threatening to engage in conduct that violates the Fourth Amendment, warrantless entry to prevent the destruction of evidence is reasonable and thus allowed."

On the other hand, the exigent circumstances exception would likely not apply "where the police, without a warrant or any legally sound basis for a warrantless entry, threaten that they will enter without permission unless admitted."

Reasonable foreseeability: The court held that "the police may not rely on an exigency if 'it was reasonably foreseeable that the investigative tactics employed by the police would create the exigent circumstances.' * * * Courts applying this test have invalidated warrantless home searches on the ground that it was reasonably foreseeable that police officers, by knocking on the door and announcing their presence, would lead a drug suspect to destroy evidence." Rejecting such an approach,

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Justice Alito explained that it would "introduce an unacceptable degree of unpredictability. For example, whenever law enforcement officers knock on the door of premises occupied by a person who may be involved in the drug trade, there is some possibility that the occupants may possess drugs and may seek to destroy them. Under a reasonable foreseeability test, it would be necessary to quantify the degree of predictability that must be reached before the police-created exigency doctrine comes into play." Such a test "would create unacceptable and unwarranted difficulties for law enforcement officers who must make quick decisions in the field, as well as for judges who would be required to determine after the fact whether the destruction of evidence in response to a knock on the door was reasonably foreseeable based on what the officers knew at the time."

Accordingly, the Court held that "the exigent circumstances rule applies when the police do not gain entry to premises by means of an actual or threatened violation of the Fourth Amendment. This holding provides ample protection for the privacy rights that the Amendment protects."

"When law enforcement officers who are not armed with a warrant knock on a door, they do no more than any private citizen might do. And whether the person who knocks on the door and requests the opportunity to speak is a police officer or a private citizen, the occupant has no obligation to open the door or to speak. * * * And, even if an occupant chooses to open the door and speak with the officers, the occupant need not allow the officers to enter the premises and may refuse to answer any questions at any time."

"Occupants who choose not to stand on their Constitutional rights, but instead elect to attempt to destroy evidence have only themselves to blame for the warrantless exigent circumstances search that may ensue."

In applying its "police-created exigency" rationale to the facts of this case, the Court first pointed out that it was not deciding whether exigent circumstances actually existed in this case. Rather, assuming "for purposes of argument that an exigency existed," the Court decided only the question: "Under what circumstances do police impermissibly create an exigency?"

Said the Court:

In this case, we see no evidence that the officers either violated the Fourth Amendment or threatened to do so prior to the point when they entered the apartment.

Officer Cobb testified without contradiction that the officers "banged on the door as loud as [they] could" and announced either, "Police, police, police" or "This is the police." This conduct was entirely consistent with the Fourth Amendment, and we are aware of no other evidence that might show that the officers either violated the Fourth Amendment or threatened to do so (for example, by announcing that they would break down the door if the occupants did not open the door voluntarily). * * *

[Defendant] claim[ed] that the officers "explained to [the occupants that the officers] were going to make entry inside the apartment," * * * but the record is clear that the officers did not make this statement until after the exigency arose. As Officer Cobb testified, the officers "knew that there was possibly something that was going to be destroyed inside the apartment," and "*[a]t that point*, . . . [they] explained . . . [that they] were going to make entry." * * * Given that this announcement was made after the exigency arose, it could not have created the exigency.

Like the court below, we assume for purposes of argument that an exigency existed. Because the officers in this case did not violate or threaten to violate the Fourth Amendment prior to the exigency, we hold that the exigency justified the warrantless search of the apartment.

About the Author: Larry E. Holtz is the C.E.O. and Executive Director of Police Training for Holtz Learning Centers, Ltd. He has served as a Detective Sergeant with the Atlantic City, New Jersey, Police Department; a Deputy Attorney General for the state of New Jersey; and an Assistant County Prosecutor. Mr. Holtz is a certified police trainer and teaches on a regular basis in police training academies in New Jersey and Pennsylvania.

He is a member of the bar in New Jersey, Pennsylvania, and the District of Columbia, and is admitted to practice before the federal bar in the District of New Jersey and the Third Circuit.

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Sgt. James Post

THE CROWN VICTORIA POLICE INTERCEPTOR REMEMBRANCE

I should preface this column by saying that I am a big fan of Ford.

In reality, I am a fan of all of the "Big Three" and I own vehicles wearing all three emblems (and no others). I support our economy by only buying American branded vehicles. I like my American cars and trucks, but, in particular, I respect Ford a lot. Henry Ford is one of my personal automotive heroes and I have visited Dearborn frequently. I was the ONLY automotive columnist who supported Ford during the gas tank fire brouhaha. I am impressed by Ford's innovations of the past (including the creation of the first Pony car, the Mustang, of which I have owned many). I am thankful they produced North America's favorite police car (the Crown Victoria Police Interceptor [CVPI]) for 13 years and I have tremendous respect for Ford's decision NOT to take the Federal handout and then turning a profit on their own.

Leader of the Pack

All of that being said, why did Ford stop building the Crown Vic? I realize fleet sales account for the least profit for a car builder, but when they (Ford) consistently owned around 85% of the police car market throughout all of North America, year in and year out, surely, it was profitable for them. The 13 year run of the Interceptor (1998-2011) was a study in how to do it right. The venerable Panther (body on frame) platform was time-tested, reliable, stronger and safer than most unibodies. The Crown Vic consistently rated in the top five of the government's front impact survivability tests.

Ford operated throughout the CVPI years with an "if it ain't broke, don't fix it" attitude – not making changes simply for change's sake. But, every year, the cars were tweaked and improved, primarily in response to consumers' complaints and suggestions and input from Ford's Law Enforcement Advisory Panel (an industry first which was later imitated by the others).

The cars were easy to work on and many parts were interchangeable throughout the years. Large departments (with all CVPI fleets) could stockpile new and used parts. Another tremendous benefit for agencies using the CVPIs was that, as new models were blended into the fleet, the public did not lose recognizability of the marked units. Unless some commander had a wild hair and changed graphics midstream, all of the years looked the same throughout the 13 year run.

The Crowns fended off the competition all of those years and continued to provide law enforcement with their ideal police car: a V-8, RWD with four doors. GM was never a serious challenge with their FWD Impalas and expensive Tahoes. Mother Mopar did start eating away at Ford's sales with the Chargers, in V-6 and HEMI® V-8 options, but they were years away from becoming a real threat. So, why kill it now? Of course, we all realize there

Ford's CVPI achieved high levels of recognition.

is a huge not so secret effort in this country to put us all in front-wheel drive compacts – even our police. *But, hello, is anybody listening?* Damn it, they just don't work for most law enforcement applications. And, FWD repairs are terribly expensive when compared to similar damage in RWDs. Just think of all the other FWD police cars which were fielded by the Big Three over the years and failed to gain support (sales) – Taurus, Lumina, Intrepid, and Impala.

I've interviewed Ford Fleet brass numerous times and they all stick to the corporate speak that this was a corporate decision, steeped in years of research, but we all know the Panther platform

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Crowns could have sold for many more years. Part of the decision was because Ford was under pressure to move police car production back to the U.S. and the Crowns were built in St. Thomas, Ontario, Canada. Unfortunately, the death of the CVPI also meant the closing of the St. Thomas plant and the loss of jobs for all those employed there. So, after delays and despite hopes that it was all just a bad dream, the last CVPI rolled down the assembly line on September 15, 2011.

The End of an Era

All you die-hard fans of the CVPI need to take a few minutes and check out **http://www.crownvic.net/ubbthreads.php?ubb=showflat&Number=2372034#Post2372034** (or go to **www.crownvic.net** and Google, "Last car from St. Thomas" in CVN Search). This incredible set of pictures shows the last Crown traveling down the line at St. Thomas on that fateful day. The employees "customized" it a bit by adding the chrome street appearance grille and 17" Mustang wheels. The significant thing to note is that every employee signed the car as it passed through their station – they signed the frame, inside the trunk and hood, on the floor pan, inside doors. Builders are pictured with the car as it traveled down the line and it was adorned with a drawing and the words, "The fat lady is singing." Another employee expressed his feelings in stronger terms, "The last f..... one!"

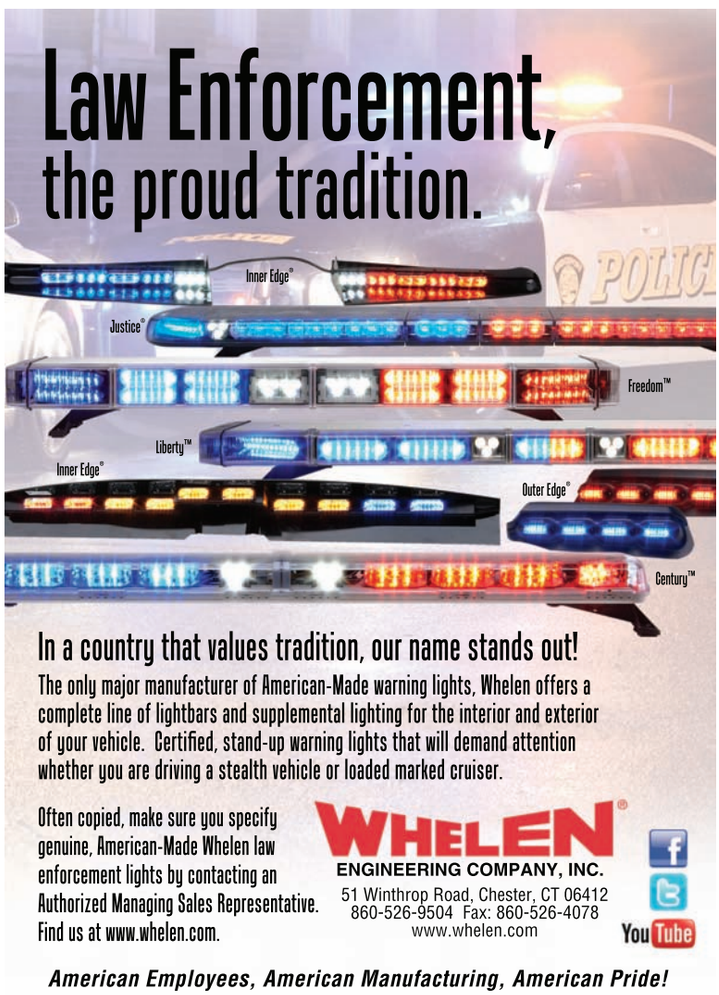
The Crown Vic's Panther (body on frame) platform was strong and safe!

Last summer, I asked a Ford exec where the last (and quite historical) CVPI was headed.(My personal choice would have been the Henry Ford Museum.) I was told the Kansas State Highway Patrol had requested the last one. Hey, that's something I could live with.The KHP has retained (and restored) several different styles of patrol cars and this would have been a fitting addition to that collection. But, unfortunately, that was not to be. Sit down and take a couple of deep breaths for this one (and maybe a shot of your favorite adult beverage, too) – the last Crown Vic, this historic icon of American law enforcement, was claimed by Al Jaz/Rah Vehicles Agency and it was shipped to Saudi Arabia. Some of the options on the build sheet now make sense: rear AC, smoker's package, and more. I won't go off on a rant now – just fill your own thoughts in here.

Questionable Decisions Are Contagious

Ford's actions remind me of similar questionable decisions made by the other two companies during the last couple of decades. Chrysler killed off the M body Diplomats and Gran Furies with the 1989 model year – despite nearly every city, county and state agency owning them sometime during the 1982-1989 run. Chrysler was never again a successful player in the cop car game until the 2006 Chargers. Folks, that's 17 years without a viable (sellable) product! Not many companies (of any kind) could survive with that track record. Could that be why they have had three owners during the same time period?

Of course, Chrysler and Ford aren't the only ones. Consider the 1992-1996 Chevy Caprices. They were ridiculed at first, but then loved and respected by the time the 1994-1996 9C1 models arrived with the LT1 engines. They are still considered by many automotive experts and cop car fans alike to simply be the BEST police cars EVER!



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Crash Reconstructionists to Respond to Serious LAPD Officer Involved Collisions

A change in policy in the Los Angeles Police Department will send trained crash reconstruction experts to officer involved fatal or serious collisions requiring anyone's hospitalization. The change follows a *Los Angeles Times* article which showed 1250 crashes over three years – about one per day – had been caused by police. Of those, two motorists were killed and others sustained life threatening injuries.

The LAPD concedes that its own investigations have been part of the problem and will immediately send trained crash reconstructionists to serious collision scenes in an effort to improve its response. These officers and detectives will be able to preserve evidence and interview witnesses as well as involved officers – a significant change, as, previously, crime scenes were left unsecured, officers were not required to give statements, and first responders did not ask the right questions of witnesses. In addition, reconstructionists would hand off investigations to detectives untrained to deal with crashes. Now, they will remain with the investigation from start to finish.

The policy change is expected to help investigators, as well as city attorneys, determine whether officers are at fault which will figure into litigation, as well as disciplinary and criminal proceedings. Over the last nine years, about 400 lawsuits related to LAPD collisions have resulted in the city paying out almost $24 million in settlements or verdicts. Other cases are unresolved altogether. And, nearly one quarter of all lawsuits against the LAPD are traffic-related.

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These cars were so incredibly popular, in fact, that an entire cottage industry sprang up (after their demise) in which Caprices were rebuilt with new engines, transmissions, suspensions, and more and returned to their owners for many added miles of reliable service. Sadly, it seems no one is willing to step up and do the same for the CVPIs.

I had the opportunity to tour the Chevy Assembly Plant in Arlington, TX, with my car club to watch the last of the 9C1 Caprices and their cousins, the Impala SSs, roll off the line in the summer of 1996. It was emotional, to say the least, as we were witnesses to the last of an era. But, now, as I reflect on those images, the past once again becomes the present. As the tour ended, we spotted a group of approximately two dozen sedans parked in a dark corner of the plant and, being car guys, we naturally headed over to check them out. The multicolor fleet sure looked like Impalas, with the subtle body mods which differentiated them from Caprices, but they were all badged "Caprice SS." When we asked our tour guide, we were told, "Those are all going to Saudi Arabia. The Caprice name is more prestigious over there than Impala." They were all built without catalytic converters, so they could burn leaded fuel. Are you beginning to see a pattern here?

Ford's two new Interceptors

Today's Options

As we mourn the loss of the Interceptor, we must continue to look ahead for suitable replacements. As all regular readers of P&SN know, there are only two V-8, RWD sedans left – the Dodge Charger (also available in a potent V-6) and the Australian built Chevrolet Caprice, currently the fastest police sedan available. Several departments are opting for Chevrolet's other V-8, the Tahoe SUV. It is more expensive than the Caprice (and Charger), but boasts more versatility and a taller stance. A nonpursuit rated version is available in 4WD.

For those of you wishing to experiment with – or wanting to make the jump to – FWD, Ford's two new Interceptors await you. Both the sedan (Taurus) and the SUV (Explorer) are FWD standard, with AWD and potent turbochargers as options. Chevrolet is also still a player in the FWD arena with the time-tested Impalas, currently the fastest FWD cruisers out there. They are available in two packages – the 9C1 patrol unit and the 9C3 undercover unit.

So, there are other choices available when your last Crowns head off to that taxi lot in the sky, but they will be missed.

Enough said, I suppose. Let's all hoist a cold one to the memory of great police cars past and hope for the best in the future with something we all can live with. P&SN

About the Author: James Post always appreciates your comments and encourages your ideas about future topics. He can be reached at 5922 S. Primrose Rd., Lowell, AR 72745-9379, or via E-mail at kopkars@arkansas.net.

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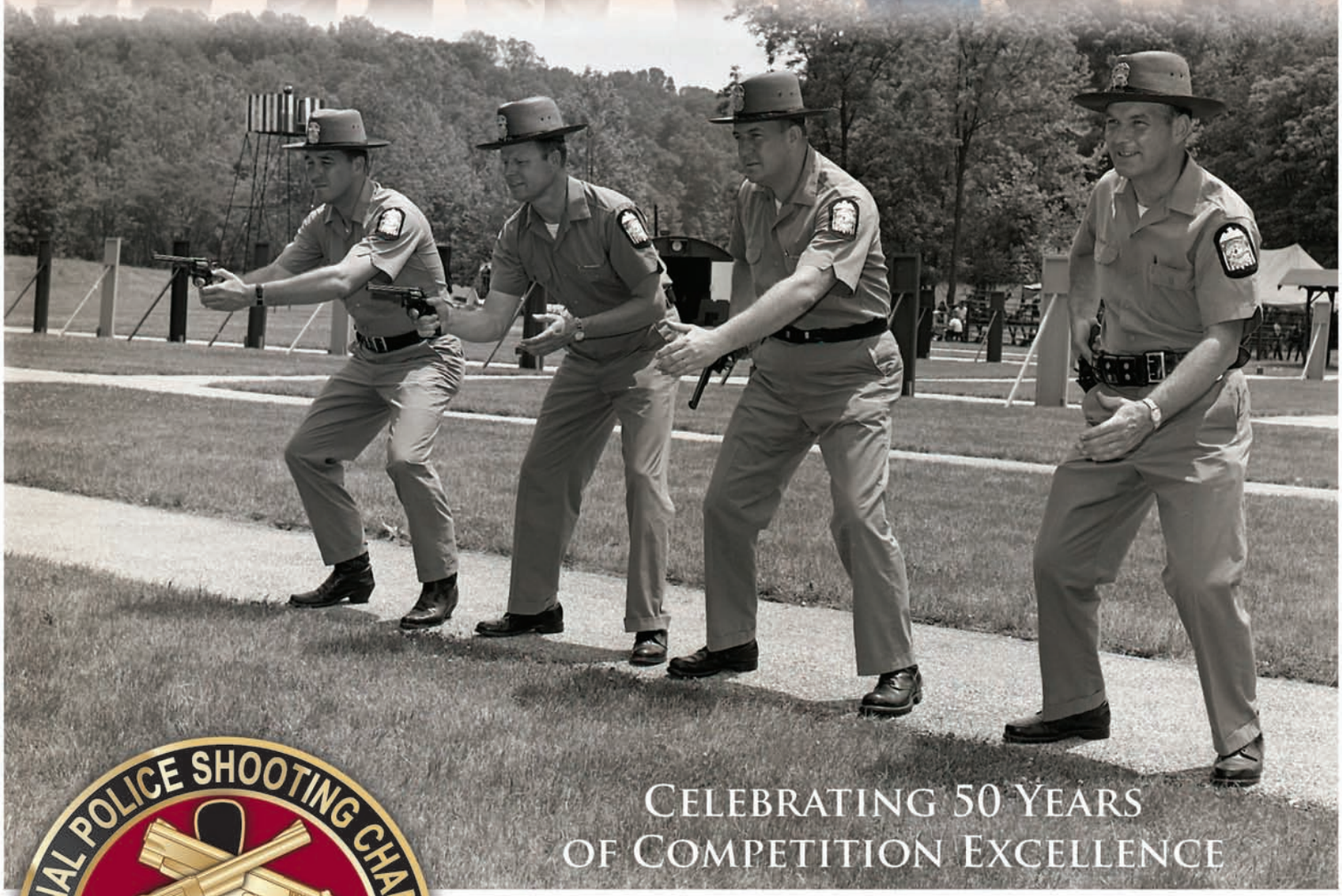

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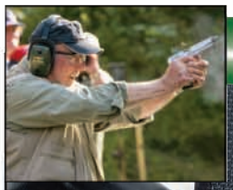

Walt Rauch

THE PROS AND CONS OF SMALL HANDGUNS

It's no surprise that small, pocket-sized handguns are the hot ticket items these days, as they appear to be THE answer to being able to be discreetly armed under almost any circumstance.

Overlooked in this rush for comfort and concealment are several important facts. These small pistols require more attention to keep them running and more effort to learn to shoot – and ongoing practice is absolutely necessary to shoot them well. And, then there's the matter of choosing between a semiauto or a revolver.

Items to Consider

On this last point, both action types have their own pluses and minuses – some are apparent and some not so much. Historically, the small double-action revolver is almost guaranteed to allow you to empty the gun without a malfunction while, with all else being equal, a similar-sized semiauto can malfunction. The trouble is, usually not all else is equal. A revolver can fail to fire right along with the best semiauto. Both will stop working if bullet "jump" is encountered.

"Jump" is when the bullet pulls forward in its case due to the abrupt and heavy recoil of one or more rounds already fired. (In fact, Smith & Wesson® makes particular mention of this in the owner's manual for .357 Magnum chambered small, lightweight revolvers.) The same effect happens with any semiauto, but worsens as the gun's weight decreases and recoil increases, such as with a .40S&W or a .357SIG chambered gun. All the cartridges in the magazine are subject to this. With the revolver, the bullet protrudes from the cylinder face. Then, when the cylinder tries to turn to line up another round, the protrusion butts up against the side of the rear of the barrel and stops the cylinder from turning.

The bullet jump shown here "freezes" the cylinder.

How to Clear?

Clearing this jam is difficult in both types of guns. With the revolver, the cylinder has to be unlocked and turned in the opposite direction such that you are able to swing it out and turn it so that it will pass through the frame window. In a semiauto, when a feeding round has become too long to function through the action, the round most often is angled and wedged between barrel chamber and breech face, with either the magazine lips or extractor or both still grasping the round. This, coupled with recoil spring force pushing the slide forward, has the round held and wedged quite firmly. To clear this, the slide must be locked or held back, taking the pressure off the round, the magazine ripped out and the slide manipulated, clearing the gun. Preferably, a fresh magazine should be used to reload, but, if you lack one, the original magazine can be used after insuring the offending round is gone. This should clear it (along with, hopefully, not breaking or displacing the extractor).

Bullet jump in the semiauto can also be caused by bullet setback which occurs when a round is repeatedly chambered, causing the bullet to be pushed into the cartridge case by repeatedly hitting the feed ramp and chamber wall. Setback can

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also happen to the cartridges in the magazine as they bump against the magazine wall as the gun moves. Setback also does not lend itself to quick clearing, but worse can happen. When the bullet sets back, it increases chamber pressure. I read a report from Hirtenberger AG Austria, a major ammunition manufacturer, where it was determined that a 1/10" setback with a .40S&W cartridge raised chamber pressure to a dangerously above proof test load level. This same observation was also made by CCI using a 9x19mm cartridge, with the same results.

The more common semiauto pistol malfunctions, such as failure to fire, extract, eject or double feeding, also occur with small semiautos, but are much more difficult to clear. The clearing drills can be nearly impossible to do with the smaller arm, particularly if you have large hands or fingers, since you have less gun to grab when doing the manipulations. And, depending on the gun's design and its caliber, the recoil spring system will be heavier than the one used in the comparable full-sized version. All of these complicate, or preclude, some of the drills which are effective with the full-sized pistol. What works is the previously described drill of locking the slide back, ripping out the magazine and manipulating the slide to clear the gun; then, reload with a fresh magazine.

The bullet shoulder of the loaded round has moved forward of its case mouth rim. (The split case here indicates poor quality brass.)

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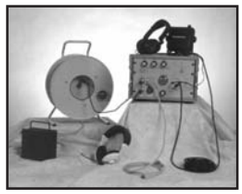

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Other Potential Problems

Operator error can also jam the revolver, as the double-action trigger must be released fully forward in order to fire another round. For those who were taught to ride the trigger (catch the reset) with a semiauto, this can be a problem.

It's a given that the small, powerful handguns are more difficult to shoot well with the accentuated recoil. The shorter sight makes sighting more difficult, along with good muzzle control. For me, this translates into having less "feel" as to where the gun is directed. (This is one good argument for having a laser on the small guns.)

Adding to this, the shorter grip often means that you can only take a two – not three – finger grip which also decreases gun control generally. This can be ameliorated with a finger rest magazine floor plate or a slightly extended magazine, such as by using the GLOCK® 19 magazine in the shorter grip GLOCK 26. If you do this, though, take care not to grip the gun so that the longer magazine pushes past the magazine catch. This pushes the top of the mag up far enough to interfere with slide movement. Also, if you do a slide lock or empty gun reload with the longer magazine, you can drive the magazine in far enough to block the slide from moving forward (this can, literally, be a pain to clear). Also,

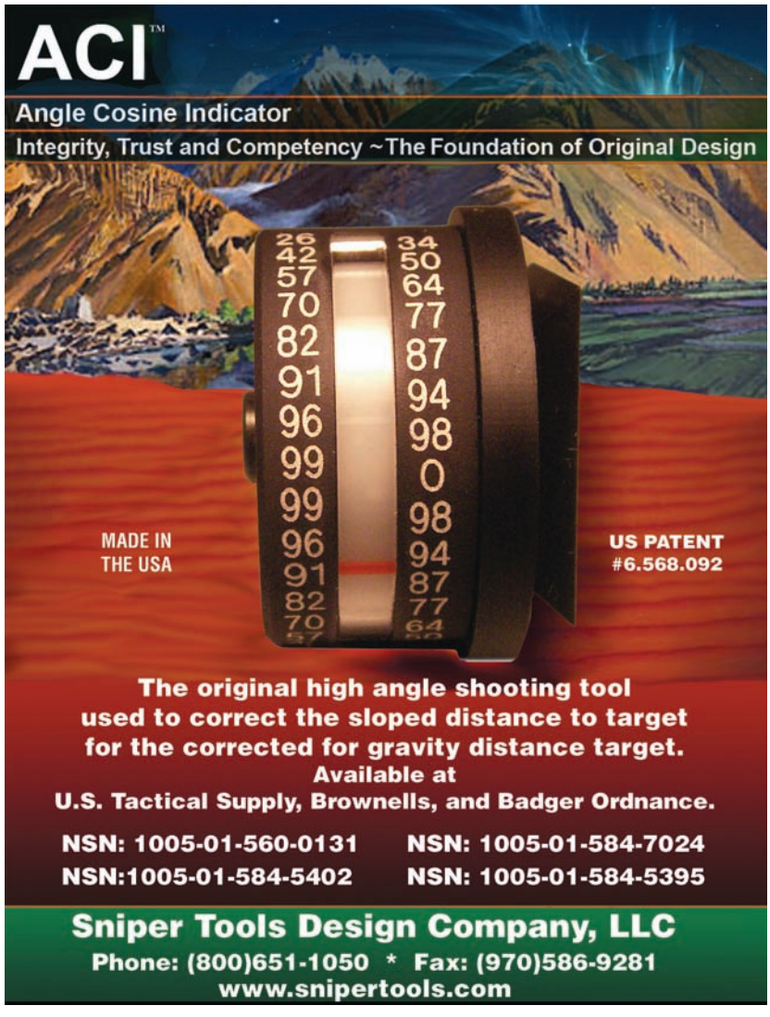
A large hand (glove size 9.5) and a small handgun make for difficulties firing the pistol. One and one-half fingers are not enough to properly grip the gun. An extended magazine or a finger rest base plate helps.

while a magazine collar is a great way to negate these overinsertions, if the collar allows a means of tightening it to prevent slippage, overtightening will constrict the magazine tube which then stops cartridges from feeding.

Another problem with the smaller handguns is that the mag catch or cylinder release can be accidentally activated when the smaller gun is held with two hands and, sometimes, even with one hand; there is just too much hand for the gun's size. The buttons get tripped and leave you with a one-shot or a no shot at all gun when the mag drops out or the cylinder opens, spilling cartridges. With a revolver, sometimes the cylinder moves out of alignment, but it stays in the frame and you don't notice it until you find the trigger will not move. Rounding the release is a good idea since, with the smaller frame, the catch is more likely to dig into your hand. Some small semiautos have a ledge around the catch, added to help prevent these problems. Another problem to watch out for – an ambidextrous magazine catch which, for me, is an accident which will happen. Another inadvertent malfunction is when you overdo your high grip on the gun and the web of your hand is now up far enough to slow or stop slide movement (and get cut in the process).

Take a Look

In addition, safe gun handling is more difficult with the small semiautos, such as doing a visual and tactical inspection, for ejection port windows are naturally smaller, making the chamber area harder to see. To the good, the minuscule port window helps keep crud out, but the best I manage to



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NEWS

How Combative Physical Exertion Affects Officer Memory

Only 60 seconds of intense combative physical activity can be enough to make a police officer forget incident details, so says a new Force Science Institute study which tested 42 male and ten female police officers in Winnipeg, Canada. The officers, despite an average of eight years of experience on the job and good physical fitness, could not even identify their suspect from a lineup.

Their memory was tested based on a briefing about three armed robberies and being shown a six person color photo lineup of "suspects." Next, half the group was asked to attack a punching bag until visibly tired; the other half was not. Afterward, each officer went through a live action scenario in a realistic "home" environment, complete with multiple weapons to which their "suspect" had access. This scenario involved a short, hostile verbal exchange with the "suspect."

The last part of the study asked each officer to recall details about their briefing; their encounter; and, finally, whether their "suspect" was in the lineup of photos they had been shown. All of the officers remembered seeing an angry subject. However, while 90% of the officers who had not hit the punching bag could remember at least one detail about their "suspect," only about one third of the exhausted officers could remember seeing the "suspect" at all. They also remembered less information from the briefing they had attended, made twice as many recall

do is "look," as the port window is too small for my fingers to "feel" the rear of the chamber. And, with these small semiautos, it is even more important to try not to catch a live round when clearing the gun, particularly if the pistol design uses its firing pin as the ejector. The "Baby" Browning in .25ACP is one such example of this. The firing pin/ejector can strike and fire the cartridge being extracted.

All of these problems are at worst an irritant if you spend time getting past the initial awkwardness of working with everything being smaller. The key here is spending the time! I probably don't need to suggest it, but using dummy rounds is the best and safest way to learn the idiosyncrasies of these smaller handguns.

Bottom Line

In review, whether you choose a revolver or a semiauto pistol, keep in mind what your goal is – selecting a handgun with which you can protect yourself, not perform your law enforcement duties. You're choosing an emergency tool which will only be used when all other options are either exhausted or not available. P&SN

About the Author: Upon receiving his BS degree from Carnegie Tech and completing service as a Special Agent in U.S. Army Intelligence, Walt Rauch was a Special Agent with the U.S. Secret Service and an Investigator with the Warrant Unit, First Judicial District, PA.

Rauch is also a writer and lecturer in the firearms field. He is published regularly in national and international publications.

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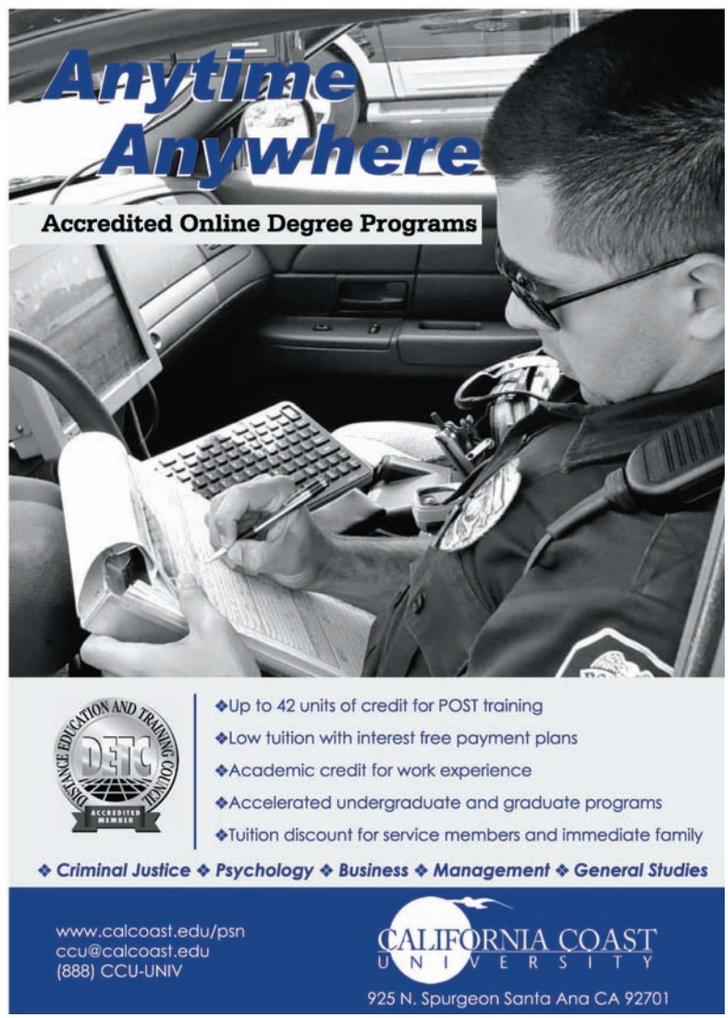

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errors, and were only half as likely to pick the right person from a lineup.

Researchers believe that, as the body shifts resources to maintaining physical output, cognition diminishes, and the brain will only hold what it can process at any given time. The study also revealed that exhausted officers interpreted threat cues no differently from the officers who only stood by.

The research is expected to help in court cases when officers cannot remember who said what; how many blows they struck or endured; or other critical details. It is also expected to help training officers prepare officers – recruits, in particular – for what will happen during combative situations. Winnipeg police have already incorporated the findings into their new recruit training.

Officer memory was the topic of a separate study between the Force Science Institute and the Hillsboro (Oregon) Police Department which jointly researched combative incidents during traffic stops. Just as in the Winnipeg study, the 90 officers from Hillsboro and surrounding agencies in Oregon and Washington experienced memory gaps, including forgetfulness, false memories, and sequencing confusion.

The Force Science research is also examining whether officers can protect themselves through positioning, including angles of approach and how they use the vehicle for cover. In this study, subject officers were confronted with an agitated driver whose verbalizations attempted to distract officers from physical threat. Afterward, the officers had to write down all they remembered about their own and the suspect's actions. They also viewed video of their performance with researchers which helped them understand the difference between reality and their own perception.

Their memory gaps backed up previous research which indicated memory is based on biology – rather than psychology – even for "trained observers."

The Force Science research is not yet published. To read the abstract from the journal, *Psychological Science*, see **http://pss.sagepub.com/content/23/4/386.abstract**.

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On-line Sex Traffickers Harder to Capture

As prostitution has moved on-line from physical streets, police have struggled to apprehend suspects and rescue victims. Evidence is harder to collect, in part because it's harder to identify as evidence and also because training the right people to recognize it can be challenging.

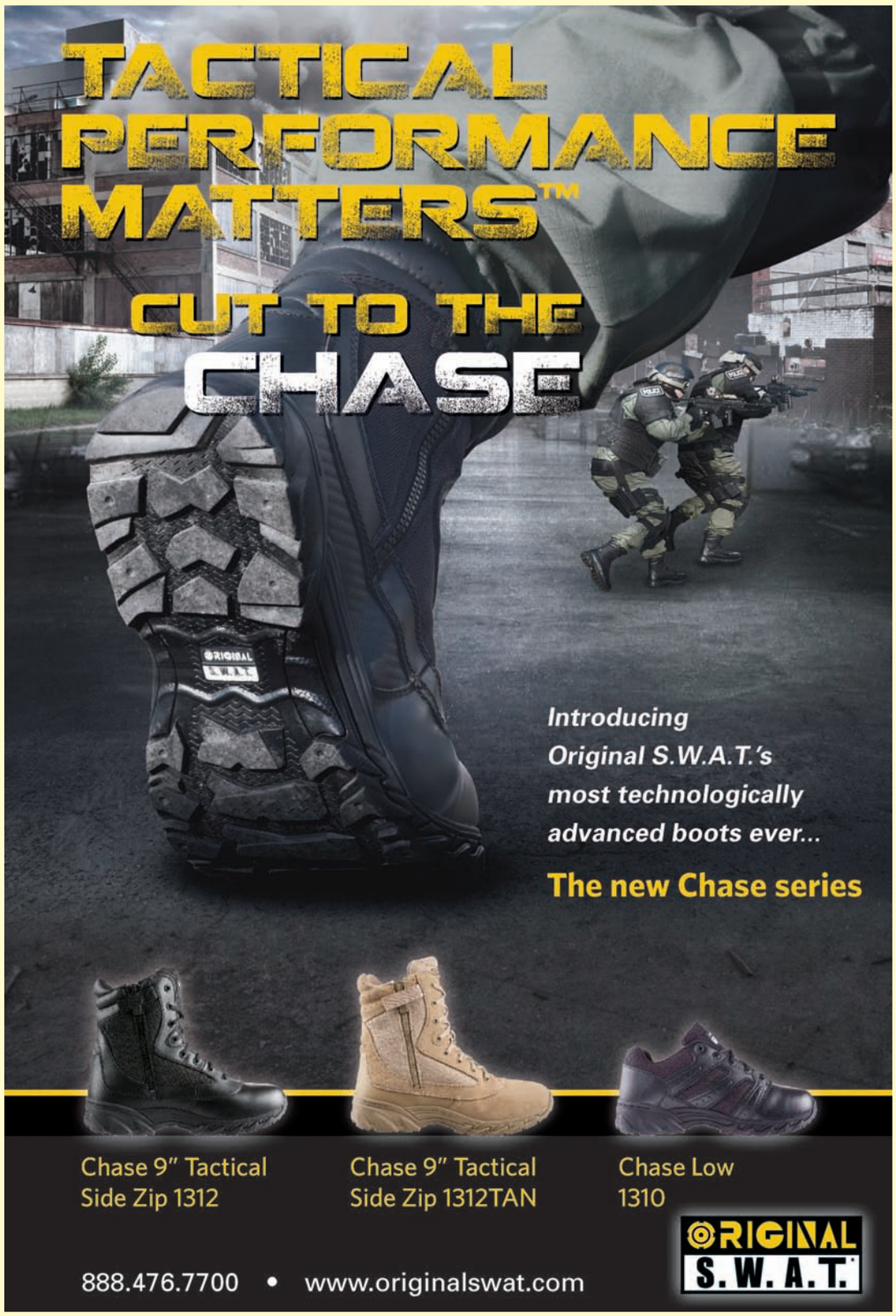
On-line sex trafficking first gained attention on craigslist, but even after its adult services section closed, sites like Backpage and even Facebook replaced it. Prostitutes advertise via classified ads or social networking and it can be difficult to tell whether they are involved voluntarily or were forced. Younger prostitutes are more likely to have been forced, either as a form of domestic abuse or as a result of coercion.

In some states like Texas, human trafficking is often gang-related, with even Mexican cartels found to have been involved. And, because it crosses jurisdictional boundaries, detectives need to be able to share information, jointly execute search warrants and other collaborative tasks.

They also need to be able to coordinate with other agencies, including cybercrime specialists, social workers, related groups like liquor commissioners and Internet Crimes Against Children task forces, community groups and others who can help them identify trends and provide resources.

However, all of these issues make the crime harder to track. Resources like the Human Trafficking Reporting System only has data from federally funded task forces, so it cannot stand as an appropriately statistical representation of the national problem.

Added to that, victims frequently are too afraid of retaliation to come forward on their own; even when they do, no uniform standard exists for counting them. Investigators believe that training first responders – both police and other emergency services workers – to recognize a potential victim and to ask the right questions will help identify more victims and catch more offenders.



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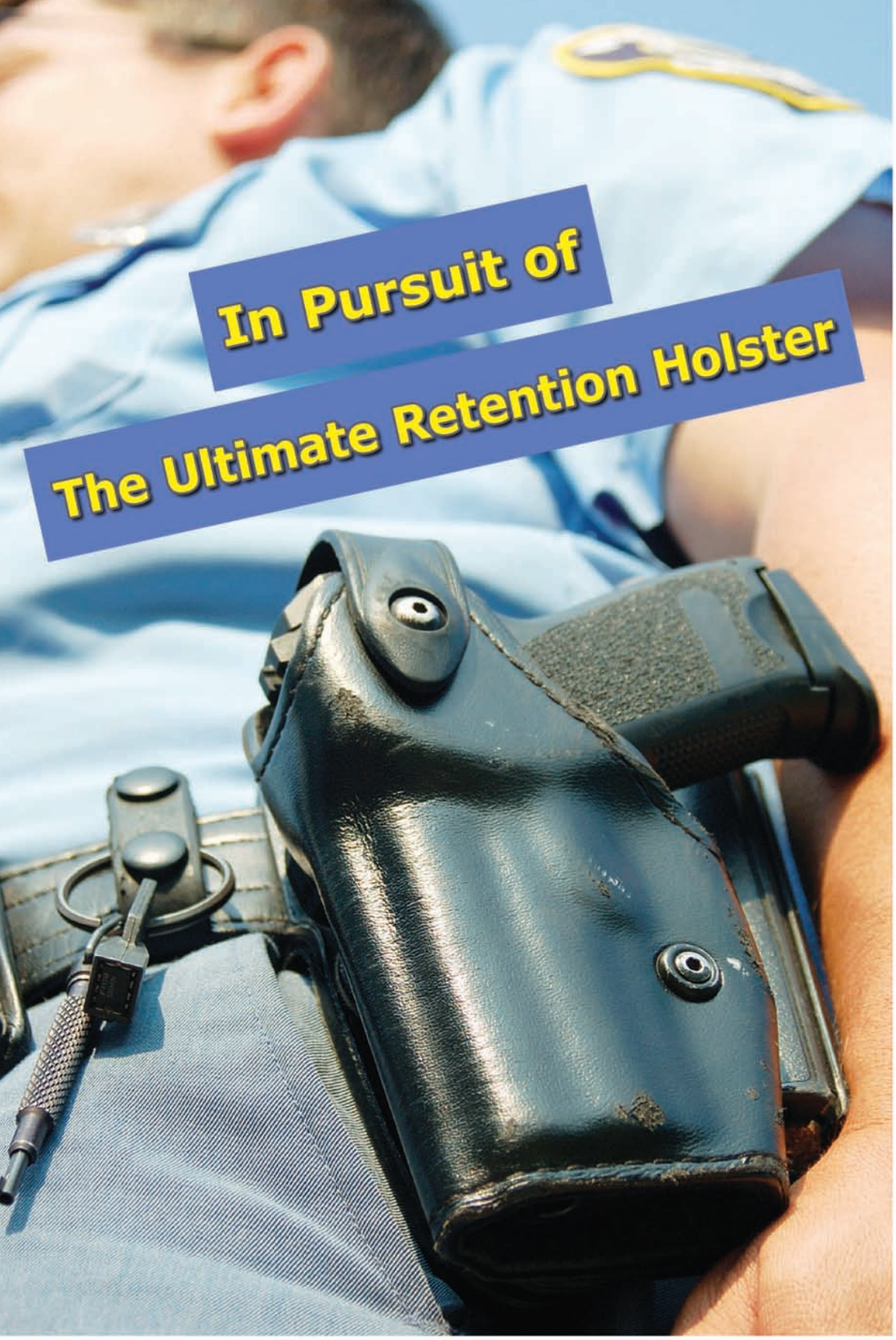
In Pursuit of The Ultimate Retention Holster



Mike Boyle

The retention-style duty holsters fielded today represent a quantum leap over earlier designs in that the handgun can be drawn very quickly by the practiced user, but make unauthorized removal extremely difficult.

There is no such thing as a "snatchproof" holster. Given enough time and opportunity, any holster can be defeated. However, the holster manufacturers have come up with a number of snatch-resistant designs and, today, most uniformed officers are wearing some type of retention holster. Combined with officer awareness, training in retention techniques, and a backup plan, a quality holster represents another layer of defense.

More than 30 years ago, my agency purchased a quantity of Security-Plus holsters from Smith & Wesson®'s now defunct leather company. The Security-Plus required a specific motion on the draw stroke to clear leather and, while primitive by contemporary standards, it did work. Shortly after these holsters were put into service, one of our officers was brutally attacked by multiple assailants who attempted to remove his revolver. That disarm attempt failed, largely because of the holster design. Three decades later, we really don't know how many "saves" can be attributed to retention holsters, but that number is probably in the hundreds.

A Bill Rogers designed Safariland 070 original Level III security holster

Safariland™, a major manufacturer of police duty holsters, popularized the concept of different levels of retention. In short, a Level I holster has a single retention device such as a thumb break. If we up the ante to Level II, two devices, or motions, are required to draw the gun. Obviously, on a Level III holster, the user has to perform three steps to get the handgun into action. An example of a Level III holster is the Bill Rogers designed Safariland 070 which requires the user to manipulate a thumb break, middle finger release, and perform a specific motion in order to free the gun.

What Works Best?

So, what is the optimum level of retention? That is the $64 question and any number of factors comes into play. Obviously, adding more steps on the draw stroke can complicate the picture. This is a much easier issue to address for the individual officer versus an entire agency. Exactly how much time can we devote to training and can we really expect less committed officers to practice on their own?

Let's check out a number of popular designs to see what they have to offer. Like many things in life, selection of the duty holster is often a compromise and we may have to balance security and officer efficiency. This is especially true in equipping large numbers of officers with various aptitudes and levels of commitment.

BLACKHAWK!® SERPA®

In less than ten years, BLACKHAWK! has risen from a nonentity to a major player in the duty holster sweepstakes. Their proprietary SERPA technology has been adapted to concealment, tactical, and light bearing designs, as well as duty holsters. BLACKHAWK! duty holsters are available in both Level II and Level III configurations and are available for a wide range of popular handguns.

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The BLACKHAWK!® SERPA® Level II Duty Holster features an intuitive draw stroke.

I was introduced to the SERPA Level II Duty Holster several years ago and, to date, my experience has been very positive. Security is achieved by a passive retention adjustment screw and the SERPA Auto Lock™ release. To draw from this Level II holster, the user places the pad of the index finger on the top of the SERPA release. By applying pressure with the extended finger, the lock is instantly released and gun can be lifted out. This draw stroke is very intuitive and is easily mastered with minimum practice. Upon return, the pistol is automatically locked in and remains secure until the SERPA release is depressed.

For added security, consider the SERPA Level III Duty Holster. In addition to the passive retention and SERPA lock, the Level III features a thumb activated pivot guard for additional security. Both the SERPA lock and pivot guard must be released in order to draw the handgun. The good news is that both devices can be unlocked in a single motion, making for very fast draw times. Additionally, I discovered that an emergency draw stoke with the support hand is more easily accomplished than with other Level III holsters.

SERPA Duty Holsters are crafted from carbon fiber and can be had in plain, matte, or basket weave finishes. Mid ride and high ride belt loops are available to suit an officer's preference. Another positive feature with SERPA holsters is that it is very easy to obtain an optimum shooting grip on the holstered handgun as soon as the hand makes contact. All of these qualities clearly put the BLACKHAWK! SERPA in the winner's circle. These attributes have not been lost on the Chattanooga, TN, Police Department and they have selected the BLACKHAWK! Level III SERPA holster for use by all uniformed patrol officers.

DeSantis Stryker™

We normally associate DeSantis Gunhide® with quality concealment holsters; however, this New York based firm also turns out some innovative duty rigs as well. Their most recent offering represents their best effort yet.

The DeSantis Stryker™ offers Level II or Level III security.

The DeSantis Stryker is constructed of a supertough polymer which should provide years of reliable service and a longer service life than any leather duty holster. Depending on user preference, the Stryker can be set for Level II or Level III security. To draw from the Stryker, the user depresses a spring-loaded paddle with the shooting hand thumb. The thumb naturally falls to the paddle as the user obtains a shooting grip. By using the paddle release alone, the Stryker affords Level II security.

The Stryker also features a small lever on the outboard side of the holster, even with the bottom of the holstered pistol's trigger guard. With the lever in the three o'clock position, the paddle cannot be released. Sweeping the lever down will unlock the paddle, enabling the user to draw the pistol.

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Both of these devices can be released in one fluid motion by the practiced user. With the lever up, the Stryker offers Level III security.

Hangers for high ride, mid ride, or tactical thigh carry are sold separately. A MOLLE mount for affixing the Stryker to a vest is also available. The angle of carry can be adjusted in six degree increments to suit the user's preference.

I utilized the Stryker with a Beretta 92D pistol and draw times were pretty snappy, even with the Level III security option activated. If you prefer Level II security, always run the trigger finger down alongside the holster in the event the safety lever has been inadvertently flipped up. I also liked the fact that the pistol is automatically secured upon return, without the need for additional movements.

Gould & Goodrich K340

Gould & Goodrich is yet another big player in the law enforcement market and their holsters are in use by a number of large agencies, including the Maine State Police, the Pennsylvania State Police, the St. Louis Police Department, and the Hong Kong Police Department. In recent years, G&G has upgraded their line of security holsters and they currently offer a number of well thought-out designs. I recently obtained a K340 Double Retention duty holster for review which combines classic styling with superior retention qualities.

The K340 is constructed of a waterproof polymer laminate with a DuroPro rigid middle. This K-Force holster is both weatherproof and scuff-resistant and, to the casual eye, looks very much like leather.

To draw from the K340, the user disengages the thumb break and gives the gun a slight twist to the inside. The pistol can be removed from the holster and brought to bear on target. Upon return, the pistol is automatically secured, even if the thumb break is not fastened.

I found that the keys to success with the K340

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The Gould & Goodrich K340 Double Retention Holster is made of polymer laminate which looks like leather.

was a tight belt and placing belt keepers both fore and aft of the holster. Set up in this manner, the draw stroke is very fast. Drawing with the support hand to simulate an injury is also very straightforward.

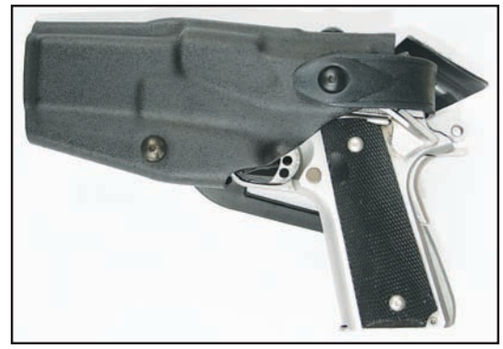
In addition to the K340, G&G also produces the T340, an identical holster crafted of nylon. Other K-Force options include the Double Retention Quantum K381 and Triple Retention Quantum K391.

Safariland ALS®

It would not be too far off the mark to suggest that Safariland wrote the book on retention holsters. In 1985, Safariland purchased the Rogers Holster Company, a trendsetter in security designs. Rogers developed the security rating system which is used throughout the industry to this day. The original Rogers designs, including the SS2 and SS3, morphed into the Safariland 295 and 070 which are still in production. In fact, the Safariland 295 remains the standard duty holster of the New York City Police Department.

In the 1990s, Safariland introduced the innovative SLS (Self Locking System) line of security holsters. Instead of a traditional thumb break to secure the holstered pistol, SLS holsters used a rotating hood. The hood is a much more formidable obstacle to a gun grab than a snap. Should the officer have to reholster quickly and resort to a lower force option, sweeping the hood up is far easier than affixing a snap. The Safariland SLS 6280 is indeed a very good rig, but Safariland was not content to rest on its laurels.

For the last several years, my agency has utilized the Safariland 6360 which is best described as the next evolution in the firm's line of retention holsters. The 6360 is a member of the ALS (Automatic Locking System) family and boasts any number of advantages over the groundbreaking 6280. As soon as the gun is returned to the holster, it is automatically locked by the ALS system. If the officer is involved in a violent struggle, the gun remains secure, even if the rotating hood is down.



Safariland's 6360 is the most popular retention holster in their extensive line.

The ALS line of holsters secures the pistol by the ejection port. To unlock the holster, the user rotates the hood down and depresses the operating lever. The shooting hand thumb naturally falls to the lever once the hood is in the down position and this two step process is virtually effortless. Once the lever is brought back to the rear, the pistol can be lifted from the holster.

Another added security feature of the ALS line is the Hood Guard which prevents anybody, or anything, from compromising the Auto Locking System. For users who desire an even greater margin of security, Safariland offers the optional Sentry, affording Level IV retention.

ALS holsters are available in a variety of

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finishes, including Plain Black, Basket Weave, Hi-Gloss, or STX Tactical with a SAFARILAMINATE™ finish to mirror the look of leather. Light bearing models are also available to accommodate pistols with tactical illuminators.

When All Else Fails

Unlike a compliant partner in a defensive tactics class, real-world confrontations don't follow a script and can get ugly very fast. I doubt if any of the drills you performed in your last weapon retention class began with your partner smashing you in the head with a bottle or pushing you down a flight of stairs. That is the real world and, suddenly, all of those nifty retention techniques we learned in the gym go right out the window.

I'm not suggesting we shouldn't practice proven retention techniques; in fact, we need to work more intensely in all facets of close quarters fighting. You may, however, want to consider a backup plan for those worst-case scenarios when you've sustained a serious injury or are under attack by multiple assailants hell-bent on boosting your gun.

If regulations permit, and with the proper training, I strongly suggest you consider taking up a backup gun and/or a knife. When in uniform, I made it a practice to carry a hidden second gun. Ideally, your backup gun should be accessible to either hand and one of the better carry modes is the BUG Pocket marketed by R&Y Custom Vest

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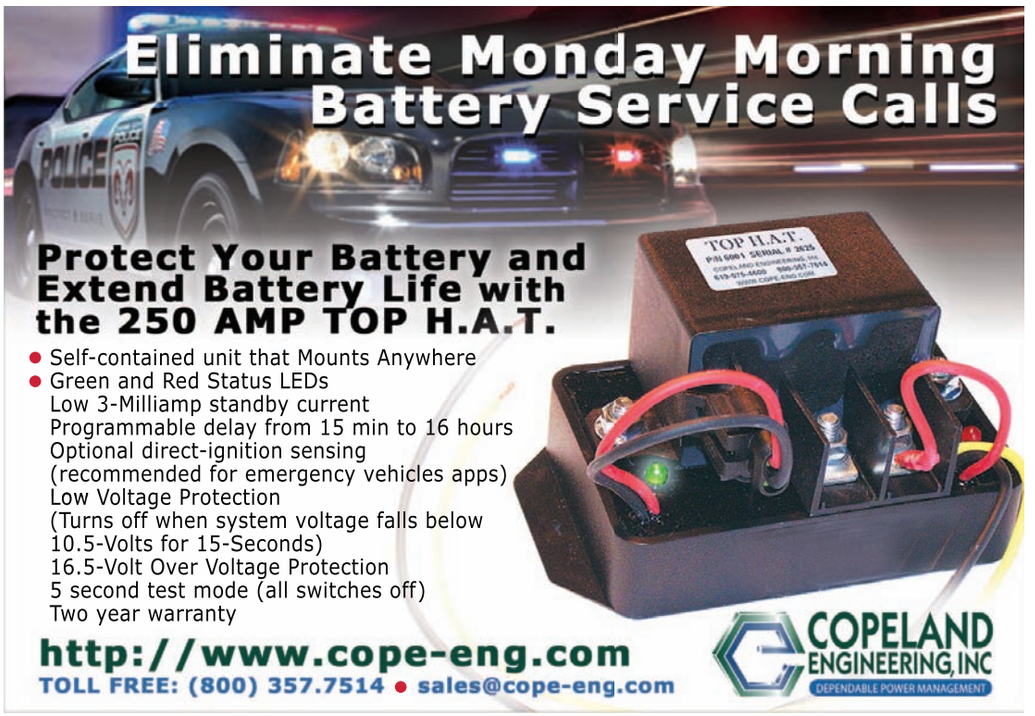
The S&W M638 in a BUG Pocket and Sypderco P'Kal represent an additional layer of handgun retention.

Carriers. Designed by retired LAPD Sergeant Randy Garcia, the BUG Pocket is essentially a holster which places your backup on the carrier of your soft body armor. With today's small, yet powerful, handguns, there is simply no excuse for not carrying a backup.

A knife can also be a force multiplier in a dire situation. I daresay most cops carry a folding knife for utility work, but really haven't given serious thought to using it in an emergency. Opening a conventional folder when trying to maintain



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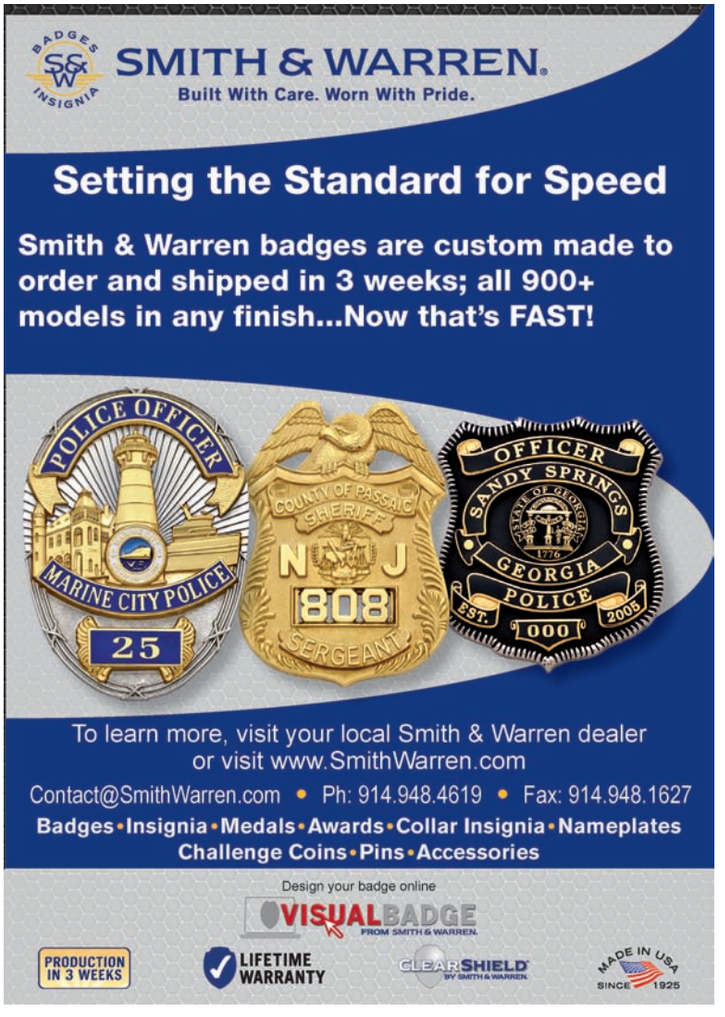

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control of your holstered pistol is extremely difficult. My solution is the Spyderco P'Kal. This blade features the Emerson opening feature which hooks on the pocket's edge on the draw. The locked blade can quickly be brought into action in stopping the attack.

And the Winner Is...

In a recent class, a student asked me to identify the "best" retention holster in today's market. The fact of the matter is that there is no absolute answer. Frequency of training, the type of firearm used, and an honest appraisal of the talent pool all weigh into the equation.

Minimally, I would suggest a Level II holster for uniformed patrol. Level III is better yet, but only when combined with regular training. Training in both holster skills and weapon retention remains an integral part of my agency's in-service training. The autolocking features of the holsters reviewed herein make them a better choice than earlier models which required an additional step to secure the gun.

Retention holsters remain an important component of officer safety. When selecting a holster for duty use, agencies and individual officers should use the same care as selecting a handgun. Choose wisely and make weapon retention a regular part of your in-service training program. A prepared officer with quality gear is a formidable obstacle to an assailant who would do him, or others, harm.

About the Author: Captain Mike Boyle served with New Jersey Division of Fish & Wildlife, Bureau of Law Enforcement, and has been an active firearms instructor for more than 30 years. He has been an assistant police academy director and remains active as an academy rangemaster and instructor. Mike has served on the Board of Directors of the International Association of Law Enforcement Firearms Instructors (IALEFI) since 1996. He is the architect and coordinator of IALEFI's Master Instructor Development Program.

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Product Highlight

Law Enforcement Footwear

TRU-SPEC® BY ATLANCO

TRU-SPEC offers **two tactical boots**; both include a partial speedlace closure system with rustproof eyelets and speed loops, plus a side zipper fastener and padded collar. Both models feature 200 gram 3M™ Thinsulate™; a slipguard rubber sole; quick drying lining; self-cleaning, shock absorbing outsole and midsole; MIL-SPEC stitching; a YKK® rustproof side zipper with a hook and loop tab; and a removable cushion insole. A black model with 1000 Denier nylon uppers and a tan model with 1200 Denier nylon uppers are available.

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ORIGINAL S.W.A.T. FOOTWEAR CO.

The **Chase Low** has many of the tactical features of the Chase boots including the same slip- and oil-resistant quiet rubber outsole. Unlike many low cut tactical footwear, the outsole on the **Chase Low** is stitched to the upper at the toe and heel which increases durability and service life. It also features a custom molded Phylon midsole for lightweight comfort and cradled support. The custom molded thermoplastic heel counter and toe box provide that already "broken in" out of the box fit and additional lateral support. While it may look more casual than tactical boots, it still features a full-grain polishable toe for improved durability and comfort.

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Rocky Athletic Mobility footwear is available in three levels featuring increased levels of insulation and technical features. **Level One** (Ultralight) is designed for warmer environments or rigorous physical activities. **Level Two** (Midweight) is designed for cooler or inclement environments or less rigorous physical activities. This boot is midweight, waterproof and insulated to retain core warmth and optimize freedom of movement. **Level Three** (Maxprotect) is designed for harsher, cooler and inclement environments, while retaining a high level of mobility

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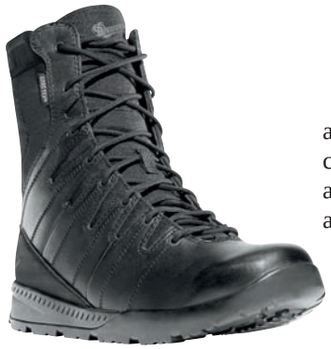

DANNER, INC.

Danner® has introduced its lightest law enforcement boot yet, the **Melee**. An EVA midsole, co-molded with ESS coating, allows for cushion and shock absorption. Designed for close quarters battle, the Danner Vibram® **Melee** outsole features central 360° pentagonal low lug and rugged outer lug patterns to maximize surface area and all directional grip. The **Melee** is available in black leather with a waterproof GORE-TEX® lining; a tan leather version with a moisture wicking mesh liner; and a 1000 Denier nylon canteen version for covert operations.

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RIDGE FOOTWEAR

The **8055 "Air Tac Plus"** features a rocker step tread; stitched tow and heel for extra durability; dual chambered air bladders with P/U bar protection and support; slip- and oil-resistant 1A carbon rubber bottom; and self-cleaning lugs.

The seven styles which make up the **Air Tac** series all share the lightweight, comfortable and durable platform which Ridge's patented and custom designed outsole offers.

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WEINBRENNER SHOE COMPANY

Thorogood's **VGS Tactical Uniform Boots** make use of a state-of-the-art Visible Gel System (VGS) cushion to enhance its high performance, lightweight footwear series. The visible gel heel unit provides comfort by absorbing shock and reducing repetitive impact stress where it's needed most – in the heel.

VGS Uniform Boots incorporate other features more commonly found in athletic footwear, such as a breathable lining system which wicks away moisture, a lightweight EVA midsole and a high traction rubber outsole with slip resistance.

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BATES FOOTWEAR

The **Zero Mass Collection** consists of an 8" Black Side Zip Boot, a 6" Black Side Zip Boot, an 8" Desert Tan Boot, and an 8" Sage Green Boot. All four boots feature a low profile design which delivers lasting comfort and enhanced natural movement. Crucial to reducing the boots' weight was the reduction of outsole rubber and the introduction of a compression molded EVA. The lightweight polyurethane insert delivers cushioning and shock absorption with no deterioration of each – no matter how long, or how hard, the boots are worn.

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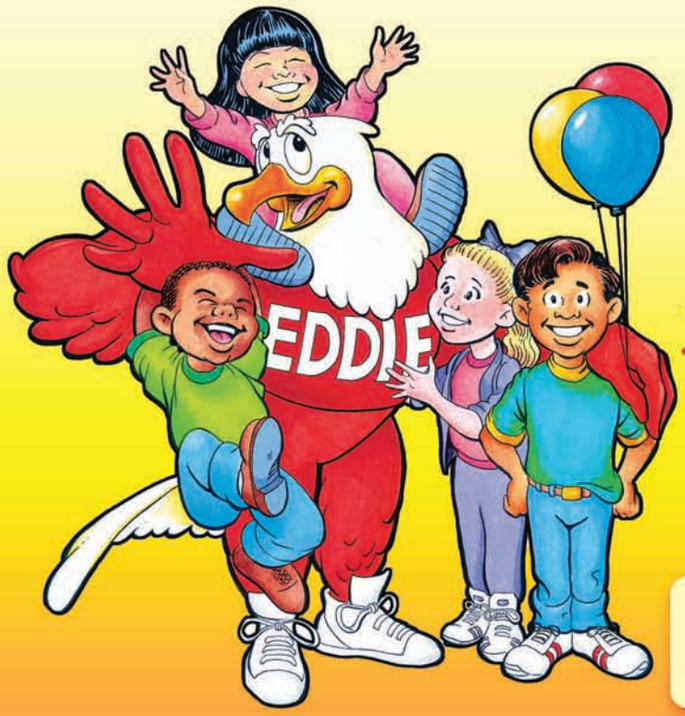

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Police Vehicle News Update

Bill Siuru, Ph.D., PE

- **Law enforcement now has another vehicle choice – the Dodge® Durango Special Service.**
- **Ford's new cop vehicle uses significantly less fuel when idling.**
- **Carbon Motors Corp. and its E7 purpose-built patrol car have received a significant financial blow.**

The Dodge Durango Special Service is aimed at police, fire and general fleet customers. It slots between the Dodge Charger Pursuit patrol car and the Ram 1500 Special Service utility vehicle. Available in the second quarter of 2012, it will be built at Chrysler's Jefferson North Assembly Plant in Detroit.

The Dodge Durango Special Service can be ordered with a choice of two engines: the 3.6L Pentastar V-6 and the 5.7L HEMI® V-8. Both versions will be available in either rear-wheel drive or all wheel drive. The V-6 produces 290 horsepower and 260 ft lbs of torque, while the V-8, equipped with Fuel Saver Multi Displacement Technology, delivers 360 horsepower and 390 ft lbs of torque.

The Dodge® Durango Special Service is available with either a V-6 or V-8 engine and either RWD or AWD.

According to Chrysler, the V-6 version has a range of over 550 miles with the fuel in its 24.6 gallon tank. The EPA numbers for the 2WD V-6 are 16 mpg city and 23 mpg highway (19 mpg combined), while the corresponding ratings for the V-8 are 14 mpg city and 20 mpg highway (16 mpg combined). The V-6 version can tow up to 6,200 pounds and the V-8 has a 7,400 pound rating.

Chrysler has made several upgrades for law enforcement and fire department duty. They include a heavy-duty brake package; a heavy-duty battery; a larger output 220 amp alternator; a heavy-duty water pump; and an engine oil cooler. There is also a customizable rear cargo area with under floor storage compartments and additional storage in the side compartments. Durangos have over 30 storage areas and a rear cargo area of nearly 85 cubic feet which can accomodate a ten foot ladder with the front passenger seat folded flat. The third row of seats has been deleted for more cargo capacity.

Other modifications include a special service interior dome lamp for officers on night patrol and a revised headliner and spot lamp wiring preparation. The rear air-conditioning and heat controls are retained so perps can ride in comfort. Standard safety and security features include seat mounted and side curtain air bags

in the front and curtain air bag protection for second and third row passengers – if there were seats for them. The Durango also includes standard front row active head restraints.

Excellent handling is claimed with its four wheel independent suspension, near 50/50 weight distribution, and responsive steering. Standard equipment includes Electronic Stability Control (ESC); Electronic Roll Mitigation (ERM); and Hill-Start Assist and Trailer-Sway Control (TSC) to enhance off-road and towing capabilities. All of this adds up to 45 safety and security features which have earned the Dodge Durango a "Top Safety Pick" from the Insurance Institute for Highway Safety (IIHS).

New Ford Cop Cars Save Fuel While Idling

The average police vehicle idles about 67% of the time – 6.7 hours in every ten hour shift. This was the conclusion of a recent study of police car use in Ottawa, Ontario. The typical police vehicle uses about a half a gallon of gasoline during each hour it idles.

The base 3.5L, 288 HP V-6 engine in the Police Interceptor sedan uses 35% less fuel when idling than did the 4.6L V-8 engine in the retired Crown Victoria. The 3.7L, 304 hp V-6 in the Police Interceptor utility uses 32% less fuel when idling than the Crown Victoria. Importantly, there is no compromise in pursuit performance.

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POLICE INTERCEPTOR

Ford

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One way Ford increases fuel economy at idle is with Electric Power Assisted Steering (EPAS). Hydraulic power steering typically consumes power and wastes fuel since the pump runs while idling. In contrast, EPAS only uses energy while the steering wheel is turned. Optimizing the energy consumed by the air-conditioning compressor and the alternator also saves fuel.

Ford has calculated that a 35% fuel economy gain during idling could mean that an agency with 100 vehicles in its fleet would save taxpayers $153,300 annually with gasoline priced at $4 per gallon. This number might be low since here the vehicle idled for only three hours per day for two shifts.

The city and highway fuel economy ratings for the new Police Interceptors have increased by 25% over the Crown Victoria. The base 3.5L V-6 delivers 18 mpg city and 26 mpg highway. That is four miles per gallon city and five miles per gallon highway plus 38 more horsepower than the Crown Vic.

Ford has tweaked the Police Interceptor so it reduces fuel consumption by 35% while idling.

The optional EcoBoost 3.5L V-6 in the all wheel drive Police Interceptor sedan is rated at 16 mpg city and 23 mpg highway. The Interceptor Utility (the police version of the Ford Explorer) powered by a 3.7L V-6 returns 16 mpg city and 22 mpg highway.

Carbon Motors E7

Carbon Motors Corp., which has developed its E7 diesel powered purpose-built law enforcement patrol vehicle, recently received a significant financial blow. The U.S. Department of Energy has indicated that it will not proceed with Carbon's $310 million application for a direct loan under the Advanced Technology Vehicle Manufacturing (ATVM) program established during the Bush administration and continued under the Obama administration.

According to a Carbon Motors' press release, "Similar to the experiences of other applicants, we spent over 30 months responding to every request made of us by the DOE – many of which were, at best, challenging and, at worst, unnatural. We are outraged by the actions of the DOE and it is clear that this was a political decision in a highly charged, election year environment. Since Solyndra became politicized last fall, the DOE has failed to make

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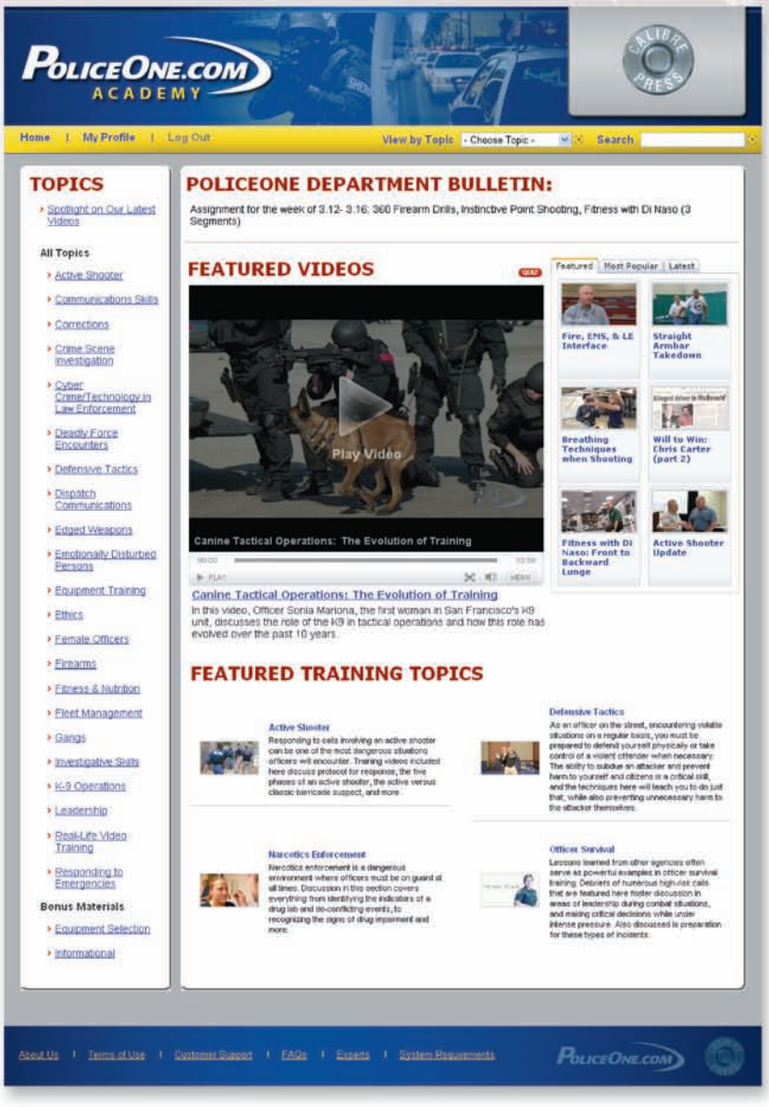

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any other loans under the ATVM program; has pulled back one loan which it previously committed; and, as of this month, the DOE has pushed aside the three remaining viable loans under active consideration."

Carbon Motors is actively examining its strategic and financing alternatives to continue development. The company says it has received over 20,000 reservations for the E7 from over 500 law enforcement agencies across all 50 U.S. states, plus over 35 foreign law enforcement jurisdictions.

About the Author: Bill Siuru is a retired USAF colonel. He has a Ph.D. in mechanical engineering from Arizona State University. His military assignments included teaching engineering at West Point, commander of the research laboratory at the U.S. Air Force Academy and Director of Engineering at Wright-Patterson AFB. For the past 35 years, he has been writing about automotive, aviation and technology subjects.

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NEWS

craigslist "Robberies by Appointment" Are a Growing Problem

As people seek to unload unwanted items – and make a little extra cash – via the popular craigslist.com, the number of related "robberies by appointment" has risen as well. In such cases, the thieves contact sellers pretending to be interested in the goods (often cars or high-end items like electronics), then show up wielding weapons and threats if the seller doesn't hand over the money and/or the goods. On the flip side, thieves may also target prospective buyers who show up with cash. Often, the dollar amount can run into the thousands.

craigslist posts messages on its site about how to avoid scams, but the crimes aren't always apparent. In some cases, thieves send a bad check to the victim made out in a higher amount than agreed upon. They ask victims to wire the difference; by the time the victim tries to cash the check, both the suspect and the money are gone. In another twist, homes are sometimes burglarized following a normal transaction. craigslist recommends that buyers and sellers meet in public places or bring a friend; that users deal only with people local to them; and that users never wire money.

Recognizing and Responding to a Diabetic Emergency

John G. Peters, Jr., Ph.D., CLS
and A. David Berman, M.S., CLS

Diabetic hypoglycemia can cause slurred speech, confusion, irrational behavior and a dazed appearance. Untreated, it can lead to unconsciousness, brain damage or death.

In October 2010, Adam Greene was forcefully pulled from his car by peace officers from the Henderson, Nevada, Police Department and the Nevada Highway Patrol (NHP), then battered and kicked for allegedly resisting the officers. A NHP dash cam video captured Mr. Greene's forceful removal from his vehicle and the applied use. Mr. Greene was thought to be driving under the influence. Shortly after Mr. Greene was placed onto the roadway, officers suspected he was not driving under the influence, but was instead suffering from a diabetic emergency (which caused him to appear intoxicated) and reportedly to be losing consciousness. Many officers and administrators have read or heard about the widely reported $292,000 settlement of Mr. Greene's civil lawsuit in early 2012.

The goals of this article are to explain diabetes, identify behavioral cues, suggest action steps,

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and to also communicate how to obtain a complimentary video or DVD and a free poster which can be used as a training aid to help educate about this serious, life threatening medical emergency.

Diabetes Insipidus and Mellitus

There are two broad categories of diabetes: *diabetes insipidus* and *diabetes mellitus*. Diabetes insipidus, although rare, causes frequent urination and can dehydrate a person very quickly. Because an individual is urinating frequently, (s)he may experience sleep interruptions, become quickly dehydrated, irritable, listless, vomit, have a fever, or have diarrhea. During an excited delirium instructor training class at a Southern California sheriff's academy, a female deputy shared how a relative who was diagnosed with diabetes insipidus would go into an altered mental state, develop incredible strength, and destroy things around her. The deputy said that it would often take six or more people to capture, control, and/or restrain her during these medical episodes. Although diabetes insipidus shares many common behavioral cues with diabetes mellitus, it can be caused by damage to the pituitary gland, head injuries, neurosurgery, or genetic disorders. There are also four types of diabetes insipidus: central diabetes insipidus; nephrogenic diabetes insipidus; dipsogenic diabetes insipidus; and, gestational diabetes insipidus.

Central diabetes insipidus can be caused by damage to the pituitary gland, head injuries, neurosurgery, or genetic disorders. The pituitary gland stores a hormone made in the hypothalamus of the brain called AntiDiuretic Hormone (ADH), or vasopressin. ADH is released into the person's bloodstream via the pituitary gland when needed and basically instructs the kidneys. Diabetes insipidus can develop when there is a disruption in this system. Generally, a synthetic hormone, desmopressin, is given to the patient via injection, nasal spray, or pill which will prevent the individual from urinating frequently.

Nephrogenic diabetes insipidus focuses on the kidneys' inability to respond to ADH. Although this impairment may not have an identifiable cause, identified causes include, but are not limited to: drugs (e.g., lithium), sickle-cell disease, polycystic kidney disease, kidney failure, and inherited genetic disorders. Desmopressin which may be prescribed for central diabetes insipidus will not work on this form of diabetes insipidus.

When a person's thirst mechanism is damaged or has a defect, this often results in an abnormal increase in thirst and fluid intake which will often increase urine output. This "fluid overload" can lead to water intoxication which can cause brain damage in the person because of a lowering of sodium in the blood. This form of diabetes is known as *dipsogenic diabetes insipidus*.

The fourth type of diabetes insipidus is called *gestational diabetes insipidus* and only occurs during pregnancy. The placenta makes an enzyme which destroys ADH in the mother.

Diabetes Mellitus

Most of us are familiar with diabetes mellitus, commonly referred to as Type I and Type II. Both types of diabetes mellitus are associated with high levels of glucose (sugar) in the blood. *Type I* diabetes mellitus is often called "insulin dependent" and is often diagnosed in children, but can also be diagnosed in people over the age of 20. In short, the person's body fails to make insulin, or makes too little insulin which requires that they take daily injections of insulin.

Type II diabetes mellitus is more common and usually occurs in adults. However, it is hard to pick

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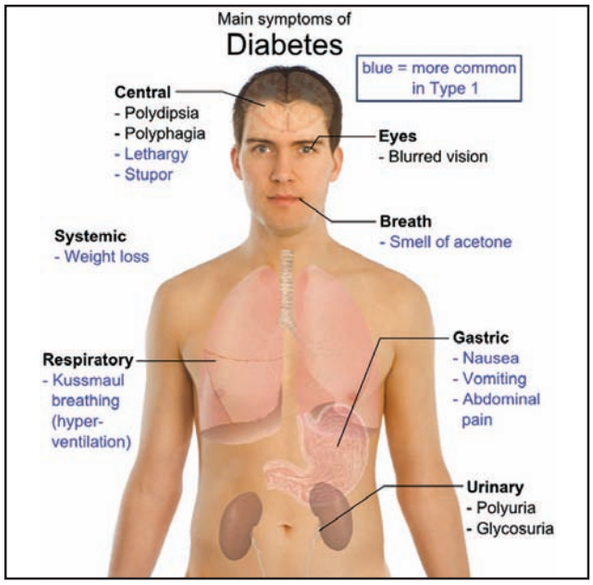

There are 25.8 million people in the United States (or 8.3% of the population) who have diabetes.

up a newspaper, magazine, or watch a television broadcast where writers and newscasters are not discussing the epidemic of Type II diabetes in people living in the United States. Over 20 million Americans are affected by diabetes; approximately 40 million more Americans have early Type II diabetes. In Type II diabetes, the pancreas fails to make enough insulin to maintain normal glucose levels. Associated risk factors include, but are not limited to: obesity (Body Mass Index [BMI] greater than 25); lack of exercise;

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heart disease; high blood cholesterol levels; age 45 or older; and having a sibling or parent with diabetes.

Manic-Depressives and Diabetes

Manic-depressive people are also more likely to have diabetes because of the newer psychotropic medications they are taking. A 1999 study conducted at Duke University estimated that individuals who have been diagnosed with bipolar disorder may be three times more likely to have diabetes than the general population. Investigators found that ten percent of the hospitalized patients in the study were found to have diabetes.

Symptoms and Warning Signs of Type I and Type II Diabetes

Symptoms of Type I diabetes include, but are not limited to: fatigue; increased thirst; frequent urination; nausea; vomiting; increased appetite; weight loss (even with the increase in appetite).

Symptoms of Type II diabetes include, but are not limited to: increased urination; increased thirst; increased appetite; fatigue; blurred vision.

Hypoglycemia and Hyperglycemia Warning Signs

There are several warning signs law enforcement officers must be able to recognize so they can take appropriate actions steps. Remember, a person who is experiencing a diabetic event may appear to be intoxicated or under the influence of drugs. The person will often be noncooperative. Here are several warnings signs which will require action for individuals who are in a state of hypoglycemia (low blood sugar) and hyperglycemia (high blood sugar):

Hypoglycemia – sweating; shakiness; anxiety; confusion; difficulty speaking; uncooperative behavior; paleness; irritability; dizziness; inability to swallow; seizure; and/or loss of consciousness.

Hyperglycemia – flushed skin; labored breathing; confusion; cramps; weakness; sweet breath; nausea; and/or loss of consciousness.

Remember that, in addition to these "warning signs," the individual may also be showing additional symptoms of Type I and Type II diabetes which were previously discussed.

Situational Action Steps

• Remember: This is first and foremost a MEDICAL EMERGENCY;

• Ask the person or someone who knows him or her if (s)he is a diabetic;

• Ask the person or someone who knows him

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or her if (s)he needs medication or sugar;

• Check for a medical identification (e.g., bracelet, necklace, or card), but remember that many people may not wear or have such identification;

• Request Emergency Medical Services (EMS) to either stage nearby if the person is not under control, or to immediately treat the patient if (s)he is under control;

• Try to contain the person;

• Try to have the person sit and relax;

• Speak calmly to the person;

• If necessary, carefully ***capture*** the person based upon agency training, directives, and force options;

• Next, ***control*** the patient (e.g., possibly using an escort hold);

• Only if necessary, temporarily ***restrain*** the patient (extended use of metallic restraints may cause infection in people with diabetes which in rare cases has resulted in amputation of the affected area);

• ***Immediately*** provide the *hypoglycemic* patient (low blood sugar) with sugar (candy bar, sugared soft drink; juice; food) if (s)he requests it or if it becomes known that (s)he needs sugar intervention;

• ***Immediately*** have EMS or a qualified medical professional provide the *hyperglycemic* patient (high blood sugar) with medication to lower his or her blood sugar levels.

• ***Transport*** by ambulance (preferable) or patrol car (only if no ambulance is available) to a hospital; and

• ***Only*** take a detained (e.g., involuntary hold) or an arrested person to a jail or a prison where (s)he will have immediate access to health care professionals who can help to manage the person's diabetes. Remember: Experiencing a diabetic event is a *medical emergency* and **not a crime**.

Training Materials

The situational action steps may be used when the person you are confronting shows the behavioral cues and/or symptoms of someone experiencing a diabetic event. Knowing these situational action steps often is a result of in-service training programs which are provided by your agency or by outside training firms. Training programs must contain a section about the Americans with Disabilities Act (ADA) because, many times, a severe or "brittle" diabetic will qualify as being disabled under the ADA. Also, make sure this information is contained in lesson plans (e.g., defensive tactics, restraint, transport, etc.).

The American Diabetes Association offers a complimentary video or DVD, *Treating Diabetes Emergencies: What Police Officers Need to Know* and also a free poster, "Diabetes is serious. It can be life threatening." To order, please call (800)232-6733 or E-mail: ADAOrders@phd.com. A copy of this video has also been posted to YouTube.

Summary

Even with continuous training programs which focus on diabetic events, law enforcement officers may unintentionally "misread" a person. However, it is important to view individuals who are in an altered state of mind as being in a medical

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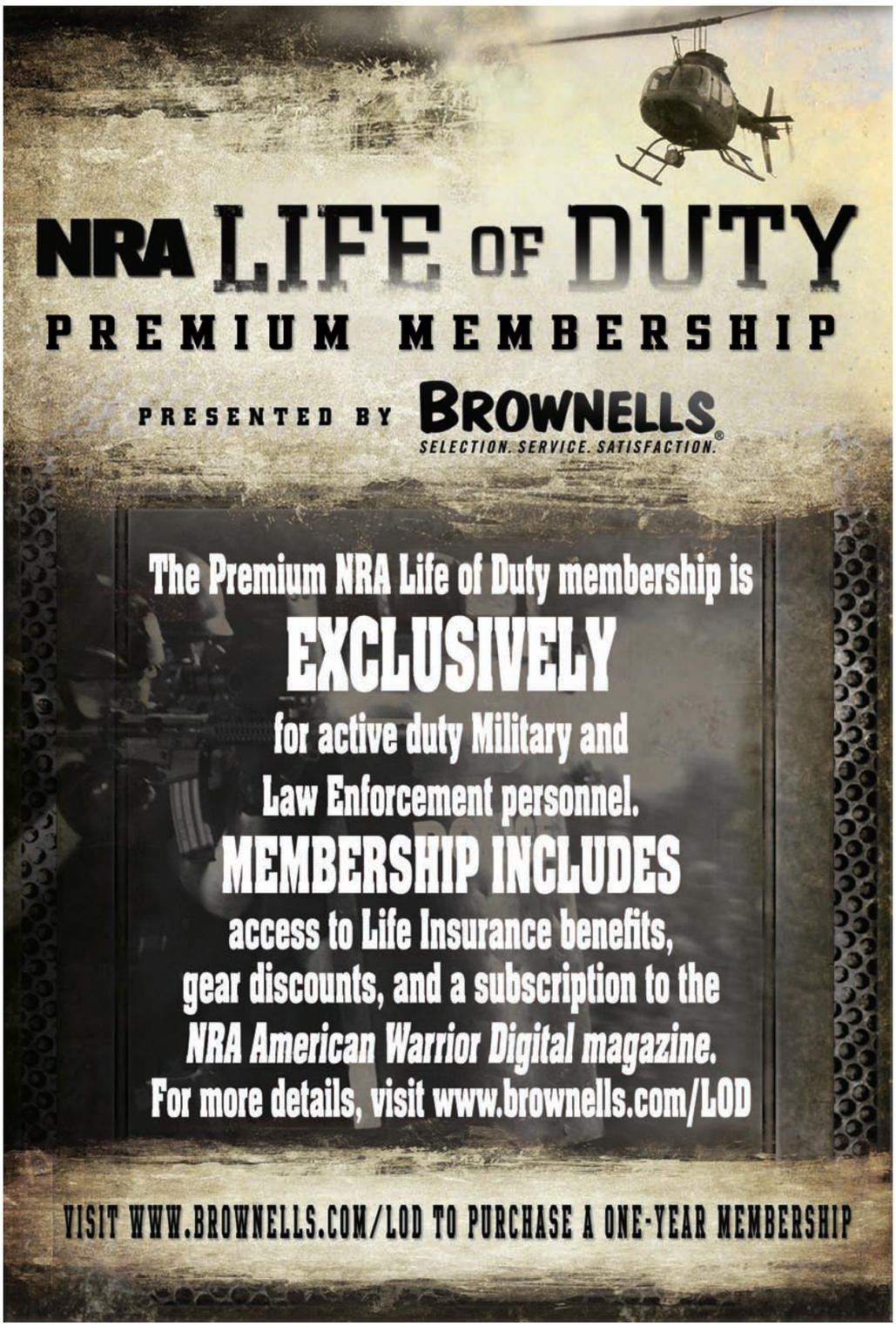
emergency. DO NOT assume the person to whom you are speaking is "drunk," "high on drugs," or in a state of excited delirium. The individual may be experiencing a diabetic event which is a medical emergency. If possible, ask the person or someone who knows the person if (s)he is a diabetic. Think back to your police academy recruit training when the instructor cautioned everyone about assuming the person you are about to stop for suspected impaired driving might be having a diabetic event. After all, no one wants to live through an Adam Greene traffic stop and lawsuit.

About the Authors: John G. Peters, Jr., Ph.D., CLS, is President and Chief Learning Officer of the internationally recognized training firm, Institute for the Prevention of In-Custody Deaths, Inc. A former law enforcement administrator and officer, Dr. Peters is often called upon to provide consulting, training, public speaking, and expert witness services. An Americans for Effective Law Enforcement (AELE) Certified Litigation Specialist in police, correctional, and campus law enforcement liability, he is also Adjunct Faculty, University of Phoenix. For training dates, information, and course locations about diabetes and similar events (e.g. excited delirium), please visit www.ipicd.com.

A. David Berman, M.S., CLS, is Vice President of the Henderson, Nevada-based Institute for the Prevention of In-Custody Deaths, Inc. and did the literature review for this article. A former law enforcement officer and police academy defensive tactics instructor, David holds a Master of Science degree in criminal justice, and is also a Certified Litigation Specialist in police and campus law enforcement liability.



NEWS

Can an iPhone® App Prevent Date Rape?

GPS and text messaging are part of a new iPhone app which may help teens and college students avoid date rape. The app, Circle of 6, enables users to tell their friends – and geolocate their exact position – if they feel they are in danger. Text messages are preloaded to cut the time it takes to type them out and are also mapped to six friends or family members on the user's iPhone. Users can also quickly dial national hot lines or other preprogrammed contacts if they need to talk to someone immediately for advice.

The app is free at Apple® iTunes®, and more than 19,000 users downloaded it within one month of release. To learn more, see **www.circleof6app.com**.

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Double-barrel 1911 Packs a Real Wallop

Bill Siuru, Ph.D., PE

This unconventional handgun is obviously not suited for use by law enforcement; nonetheless, it does present a definite "wow factor."

A Colt® 1911A1 can easily take out a large person. The AF2011-A1 "Second Century," also a .45 caliber handgun, can take out a bull, moose, or even an elephant. The M911 or Colt 1911, probably the best known design from the prolific gun designer, John Browning, just celebrated its 100th anniversary.

Recognition

In commemoration, Arsenal Firearms has developed a double-barrel version with twice the firepower of the original Colt 1911. More gun than probably any law enforcement officer will ever need, Arsenal Firearms is aiming the "Second Century" at the sport shooter, hunter, and collector. Hopefully, it won't fall into the hands of the bad guys. This is the first product from the Arsenal Firearms Group which was established in 2010 and is composed of companies in Italy, Austria, Russia, and other EU and non-EU countries.

Arsenal Firearms' double-barrel pistol can fire 16 rounds in three seconds by shooting two bullets simultaneously. The Italian manufactured pistol fires the original .45ACP round. Looking like two .45s welded together, it weighs just over four pounds (unloaded).

Aside from the separate barrels, the rest of the AF2011-A1 uses conjoined parts, so it has a single slide, grip, and safety. Most of the internal parts – like the firing pins, springs, housings, etc. – are interchangeable with standard Colt 1911 parts. It is customizable with either a single trigger or separate triggers so the left and right barrels can be fired independently.

Stopping Power

The 16 .45ACP rounds (in two columns) are loaded like a single magazine. Arsenal Firearms says that the gun can be handled like any other .45 caliber handgun and is surprisingly accurate. At 15 yards, all 16 bullets will group in an orange-sized area; at 25 yards, the coverage area is about the size of a watermelon. Two bullets (460 grains of lead) can hit a target one to two inches apart, depending on the distance. To get the same effect as 16 rounds from the AF2011-A1 delivered in three seconds, it would take a regular 9mm pistol almost ten times as long.

Video

You can see a video of Dimitry Streshinskiy, cocreator of the AF2011-A1, firing a fully loaded magazine at **www.youtube.com/watch?v=BM-DGaNmtA0**. Surprisingly, the recoil seems to be quite controllable – it didn't knock him on his butt.

The next version of the AF2011-A1 "Second Century" will have an even greater ability to defeat just about any threat. It plans to offer a version also chambered for the powerful and flat shooting .38 Super Auto round. This mixed caliber pistol, already undergoing intensive testing, will fire both a high penetrating and a powerful stopper bullet with each pull of the trigger.

About the Author: Bill Siuru is a retired USAF colonel. He has a Ph.D. in mechanical engineering from Arizona State University. His military assignments included teaching engineering at West Point, commander of the research laboratory at the U.S. Air Force Academy and Director of Engineering at Wright-Patterson AFB. For the past 35 years, he has been writing about automotive, aviation and technology subjects.

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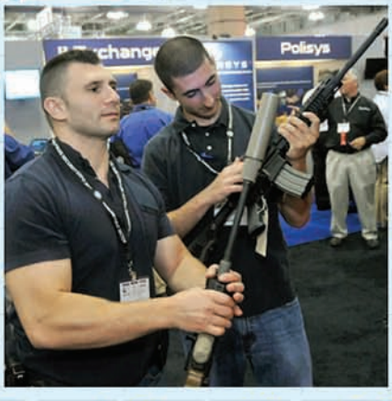

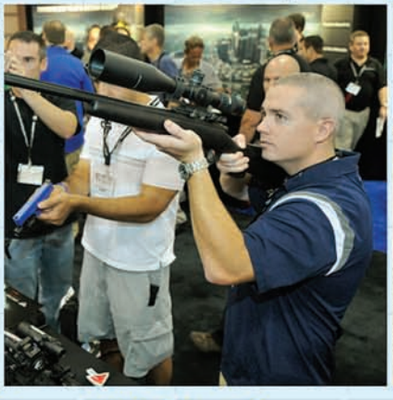

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Voodoo Tactical 1123

WPCS International Lakewood Operations 341
WTH Technology, Inc. 1611
Walden University 1726
Warson Brands/Converse /Rockport Works 312
WatchGuard Video 1312
WaterShed, Inc. 1122
Wells Fargo Home Mortgage 1109
Whelen Engineering Company, Inc. 1008
Whitaker Brothers Business Machines, Inc. 1315
Wiley X, Inc. 1926
Wilmington University 1033
Winner Ford of Cherry Hill ..... 801 & 809
Wireless Communications & Electronics, Inc. . 1132

XTREME Green Products, Inc. 319

Zistos Corp. 1950
Zodiac Milpro 831

Exhibitor listings are as of date of publication. Exhibitor names and booth numbers are subject to change.

SEMINARS/PRODUCT DEMOS

Seminars/Demonstrations
Tuesday, June 26, 2012
Exhibits Open: 10:00 a.m. – 5:00 p.m.

11:00 a.m. **Key Control – Hardware and Software**
Room #307 Speaker: Ryan Martin (KeyTrak, Inc.)
Demonstration of a Key Control Modular System which Limits Access to Authorized Users Only, with a Digital Record and Transaction Video

11:00 a.m. **Two-Way Radio Battery Maintenance Products**
Room #317 Speaker: Richard Merrill (AdvanceTec Industries, Inc.)
Demonstration of Two-way Radio Battery Charging Solutions and Powerful Battery Maintenance Tools which Allow for Accurate Battery Analyzing

12:15 p.m. **Opening Ceremonies**
Entranceway (NJ State Association of Chiefs of Police)

1:00 p.m. **Data Driven Approaches to Crime and Traffic Safety**
Room #306 **(DDACTS)**
Speakers: Chief John J. Coyle (Ret.), NHTSA, and Edward O'Connor, NJDHTS
(National Highway Traffic Safety Administration)
Operational Model Using the Integration of Location-based Crime and Traffic Data for Deploying Law Enforcement and Other Resources; DDACTS Model Overview; Update on Current DDACTS Sites; Information on DDACTS Implementation Workshops

1:00 p.m. **Connected Justice – Harnessing Technology for**
Room #305 **Enhanced Efficiency in Law Enforcement**
Speaker: Chief Bob Stanbury (Ret.) (Promedia Technology Services and Cisco Systems)
With shrinking budgets and rising caseloads, now is the time to bring innovation into your courthouse and improve the way justice is delivered – from law enforcement to the court system through corrections – while also reducing costs. The connected justice solution allows for real-time, interactive video arraignments, sentencing, and remediation hearings which eliminate the need to transport prisoners, minimizing both risk and cost, as well as scaling resources.

1:30 p.m. **Proper Response of a Law Enforcement Agency to**
Room #317 **a Line of Duty Death**
Speaker: Madeline Neumann (Concerns of Police Survivors) Traumas of Law Enforcement Death: Notification of Survivors, Funeral Protocols and Appropriate Methods for Working with Survivors after the Funeral Is Over

2:00 p.m. **Combating Bulk Cash Smuggling, a Common Strategy**
Room #316 **Used by Criminals Seeking to Move Illicit Proceeds Across Transnational Borders; Targeting Terrorist and Criminal Organizations**
Speaker: Kevin M. Tyrrell, Section Chief (Homeland Security Investigations – National Bulk Cash Smuggling Center) Capabilities of the National Bulk Cash Smuggling Center in Assisting Law Enforcement; Following the Money Trail and Developing Local Interdictions into Full-fledged, Cross-Jurisdictional Investigations

2:00 p.m. **Social Media Surveillance Demonstration**
Room #307 Speaker: Scott Raimist (ECM Universe)
Monitoring of Twitter, Facebook, and Google for Protective Service Surveillance and Persons of Interest

Seminars/Demonstrations
Wednesday, June 27, 2012
Exhibits Open 10:00 a.m. – 4:00 p.m.

11:30 a.m. **Advanced Technology within the Emergency**
Room #307 **Operations Center**
Speaker: Dan Aloia (Millennium Communications Group)
The EOC is the focal point for the coordination of a city's emergency planning, training, response and recovery efforts. This is a presentation of the design, technology and integration for managing an emergency response facility.

12:30 p.m. **Proper Response of a Law Enforcement Agency to a**
Room #317 **Line of Duty Death**
Speaker: Madeline Neumann (Concerns of Police Survivors)
Traumas of Law Enforcement Death: Notification of Survivors, Funeral Protocols and Appropriate Methods for Working with Survivors after the Funeral Is Over

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2:30 p.m. **Road Safety Camera Solutions**
Room #306 Speaker: Charles Callari (American Traffic Solutions)
Red light safety cameras effectively change driver behavior, resulting in a significant reduction in violations, crashes, injuries and loss of life.

Please check the PSE 2012 "Seminar Page" on-line at www.police-security.com for additional seminars and product demonstrations.

PRIZE DRAWINGS

Hamel XH61-GIS Sunglasses; Notch XN611 Sunglasses; Acid Gambit SG610 Sunglasses – Edge Tactical

Tablet Computer – Enforsys, Inc.

CW20 Handheld Metal Detector; Medium-sized Rugged Backbone – Fisher Labs

7x50 Police Binoculars – Steiner Binoculars

Wenger Dive Watch – Kongsberg Mesotech, Ltd.

Burris 1x35 3MOA XTS-135 Speed Dot Sight; One Case of Hornady® .223 60-gr. Tap Barrier Ammunition – Jerry's Sport Center, Inc.

Standard Version of My Ice Plan (in Case of Emergency) Home Inventory and Family and Pet Disaster Software (One Every Hour) – Government Technologies Group, LLC

$50 American Express® Gift Card – SunGard Public Sector

$100 Home Depot Gift Card – Kova Corporation

iPod touch® – Promedia Technology Services, Inc.

Pair of Tactical Boots T1180BZ; Pair of Patrol Boots P1360 – Maelstrom Footwear

Timberline Model 1892 Safety Cutter; Timberline Model 1890 EECS Duty Knife – The Great American Tool Co., Inc.

Five 250 Customized Coloring Books with Your Department Name and Special Message – Joshua Marcus Group

Six Switch Vision Sunglasses – Switch Vision

Kindle – Voice Print International

Two Narcotics Test ID Cases – MMC America

Matrix Backpack (Any Color); Scorpion Range Backpack (Any Color); 42" Weapons Case (Any Color) – Voodoo Tactical

GRAND PRIZES

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A Two-night Stay at Either Bally's, Caesars, Harrah's or Showboat Hotel in Atlantic City with Complimentary Dinner for Two

Additional Prize Drawings

Three Charger/Conditioners for Two-way Radios – AdvanceTec Industries, Inc.

Hawaii Five-0 Investigator Unit Badge and Leather Holder – Blackinton

Two GPS Fleet Management Units (One for Tuesday and One for Wednesday) (Activation Requires $26.95 Monthly Airtime Fee Per Unit) – Eagle Wireless Communications

Multifunctional Flashlight Guard Trooper – Eurolamp

Product Gift Certificates – Gould & Goodrich, Inc.

Twelve 3/4 Ounce Pepper Spray Units – Guardian Protective Devices

Two Boxes of 100 Rounds of .40 Caliber 125-gr. Lead-free Frangible Ammunition – International Cartridge Corp.

Two Concealed Warning Lights; LED Directional Lights – Nova

Chain Link or Hinged-style Handcuffs – Peerless Handcuff Company

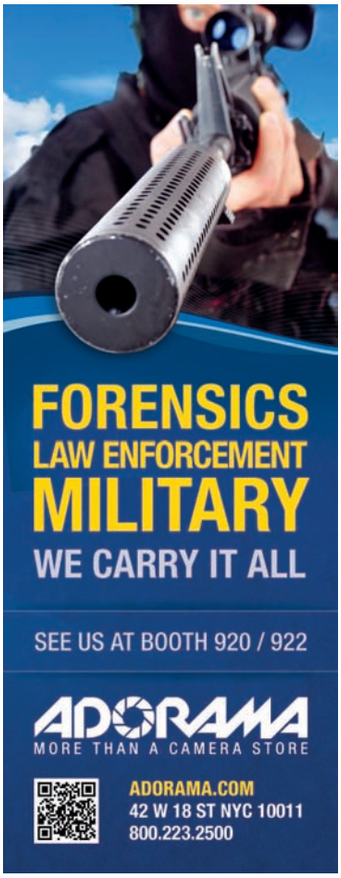
Free Badge Coupon – Smith & Warren

In-Wall Safe – Tiffin Metal Products

Single Light Mount System – Trail Rail, Inc.

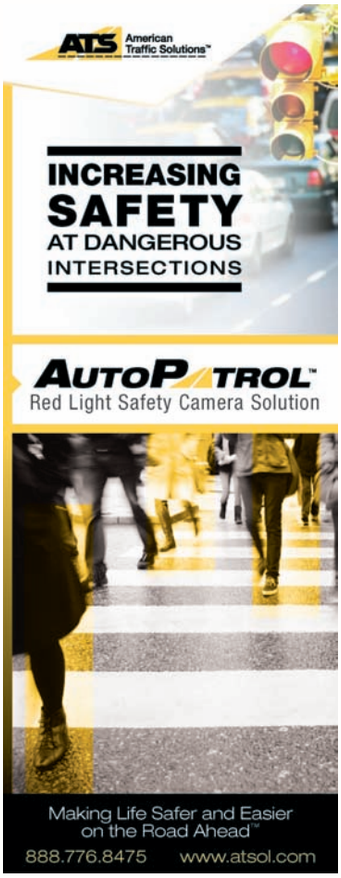
Assorted Collectible Gifts – Police Security Expo Gear

EXHIBITOR SHOWCASE



See us at the Police Security Expo – Booth #'s 920 & 922

Circle 3095 for More Information



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See us at the Police Security Expo – Booth #1932

Circle 3097 for More Information

See us at the Police Security Expo – Booth #2018

Circle 3098 for More Information

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See us at the Police Security Expo – Booth #'s 838 & 840

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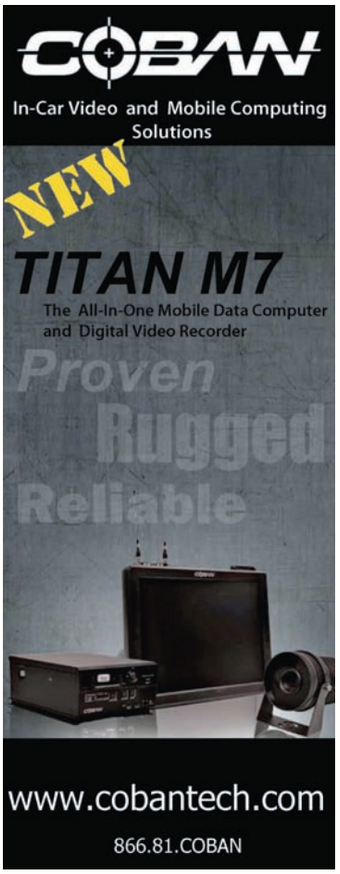

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EXHIBITOR SHOWCASE

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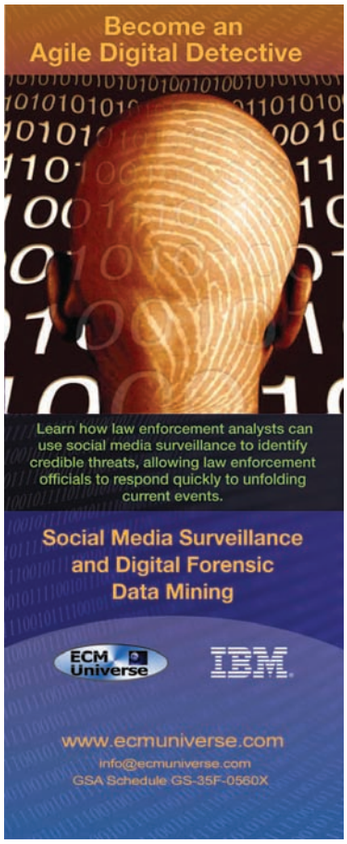

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See us at the Police Security Expo – Booth #314

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Circle 3116 for More Information

See us at the Police Security Expo – Booth #'s 1620 & 1622

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EXHIBITOR SHOWCASE

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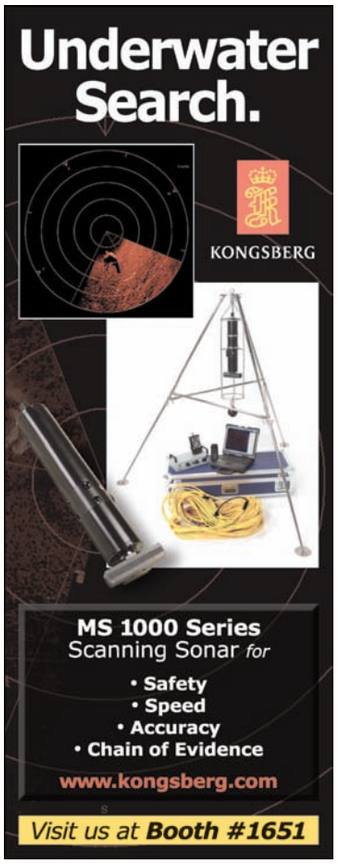

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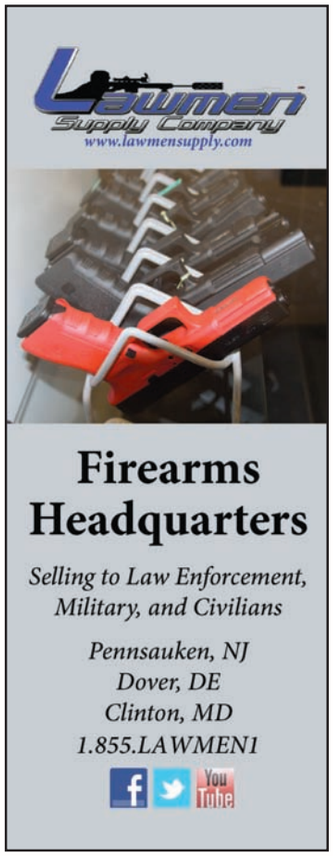

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See us at the Police Security Expo – Booth #1042

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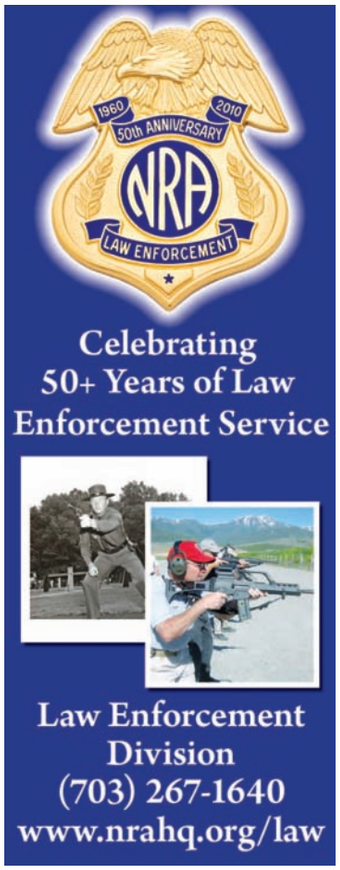
See us at the Police Security Expo – Booth #1623

Circle 3125 for More Information

See us at the Police Security Expo – Booth #'s 1727 & 1729

Circle 3126 for More Information

EXHIBITOR SHOWCASE



See us at the Police Security Expo – Booth #'s 1936, 1938, 1940

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See us at the Police Security Expo – Booth #1933

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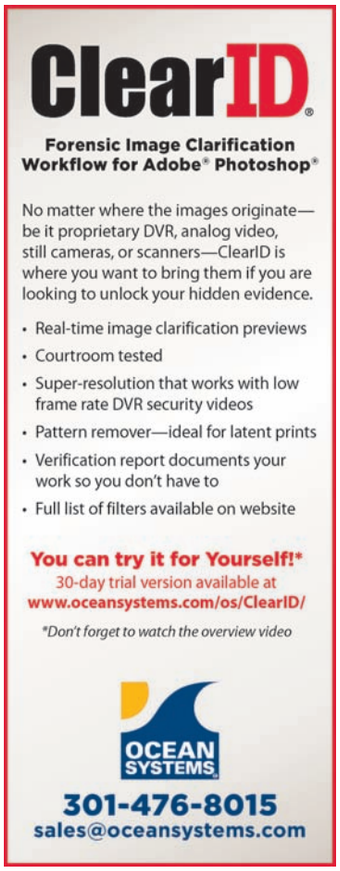

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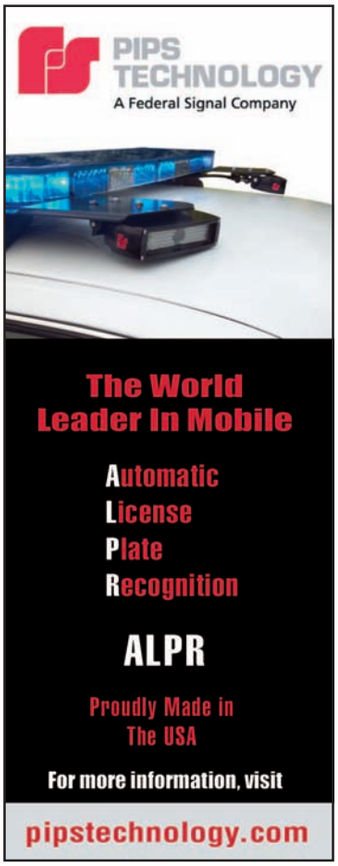

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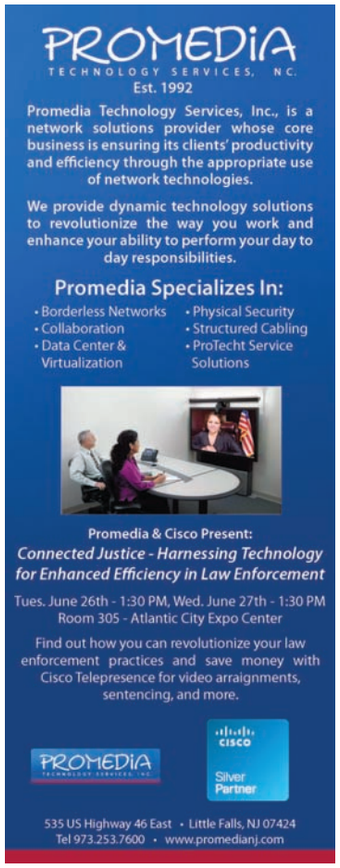
Circle 3133 for More Information



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EXHIBITOR SHOWCASE

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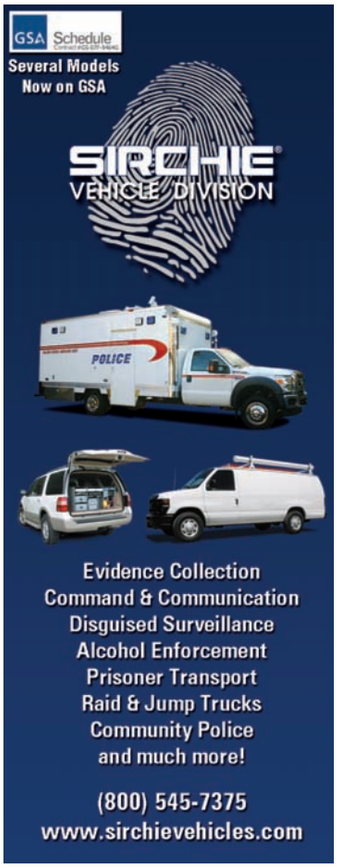
Circle 3138 for More Information



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Circle 3140 for More Information

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Circle 3141 for More Information

EXHIBITOR SHOWCASE

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Circle 3144 for More Information

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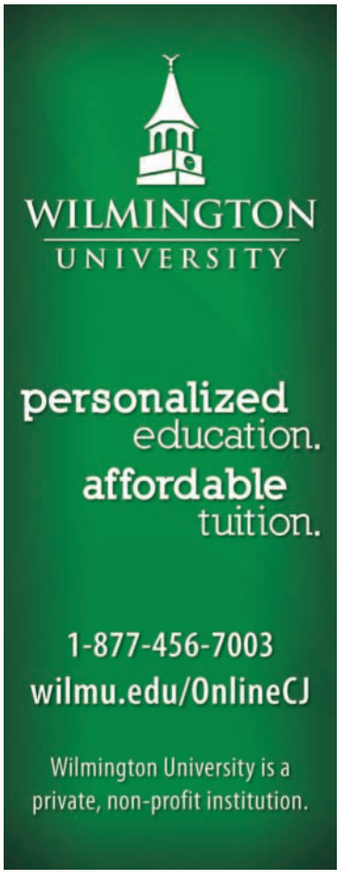

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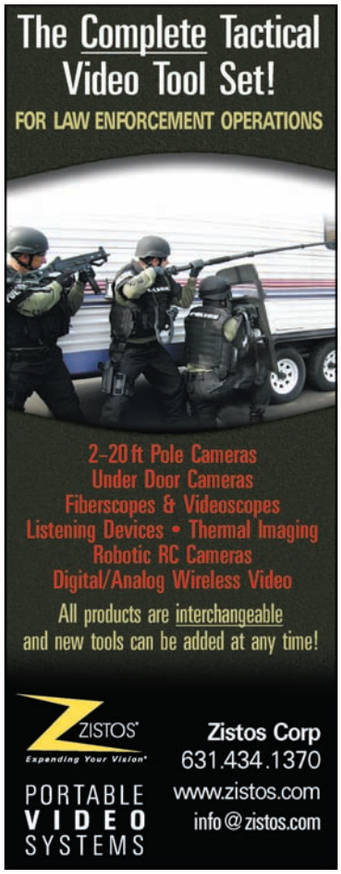


See us at the Police Security Expo – Booth #1950

Circle 3149 for More Information

Richard Johnson

Breaking Glass:

Breeching a Car Window Requires More than Brute Strength

Breaking glass, especially automobile glass, is a lot harder than you might think. I've seen officers whale away on a driver's window with an ASP baton and do more damage to their egos than to the glass.

I've also seen a teenager break out a car window with nothing more than a piece of an old spark plug. So, what gives?

As with all things in life, there is no single answer. Rather, there are a number of factors which go into how likely you are to break out a window. The type of glass, the curvature of the glass and the tool used are just some of the factors which can spell success or failure when trying to breech glass.

Science!

Glass is much harder than you might think. Both the Mohs and Brinell hardness scales show glass as being harder than stainless steel – yes, glass. Tool hardened steel can be harder than glass, but then glass can also be strengthened through tempering, lamination and other processes.

Windshields use a multistep lamination process which affixes two layers of glass to each other with a layer of vinyl sandwiched between them. This creates an extremely tough glass pane to try and penetrate.

If you've ever seen a gunshot through a windshield, you probably noticed that the point where the bullet penetrated the glass was damaged; yet, the entire windshield still maintained its integrity. It did not fall apart or send shards of glass flying.

Trying to breech a car through the windshield is a nearly impossible task. I don't recommend trying it in anything other than a controlled training environment.

Tempered glass is typically used in the side and rear windows of modern cars and trucks. The tempering process strengthens the glass up to four times the strength of normal annealed glass. Additionally, curved auto glass tends to be stronger than a flat pane of glass. So, hitting a strengthened car window with a comparatively softer baton may yield dismal results.

The funny thing is that most street criminals know a very easy way to break the windows of a car: Use a spark plug. Typical spark plugs use porcelain as an insulator. A quick whack with a hammer will break the porcelain into small pieces. Those small pieces of porcelain will easily shatter a car window when they are thrown.

Most cops who have been on the street for a while already know about the spark plug trick, but search for "breaking glass spark plug" on YouTube if you want to see a video demonstration of this. It doesn't take a lot of force, or even a big piece of porcelain, to break a window.

Never fear, there are solutions to the problem of breaking windows beyond brute strength and carrying bits of broken spark plugs in your pocket.

Tactical Tools

Fortunately, there are a variety of glass breeching tools on the market. The forms and delivery systems are different, but they do share some common traits.

First, all of the glass breeching tools use the idea of applying force to a small point. The narrower the point of pressure applied, the more likely the glass will break. Once the glass breaks at the point, the entire pane will spiderweb and fall apart.

The second trait shared among glass breaking tools is the use of harder than glass materials for the contact point. Typically, tactical glass breaking tools will use tungsten carbide tips. These tips are very hard and are durable enough to be used on multiple glass breeches without having to be sharpened or replaced. I have seen some "off brand" products use tips made from stainless steel which is substantially softer than tungsten carbide. These tips may fail, so I urge caution if you consider purchasing one.

Let's take a look at some of the products on the market for law enforcement use.

XS Sight Systems' Glass Assault Tool (GAT)

The Glass Assault Tool resembles a micro-bayonet which attaches to the flash hider of an AR15/M4 rifle. The GAT is designed to attach

A new version of the GAT is designed for use with pistols.

quickly and not come loose during extended shooting sessions. Once attached, the muzzle of the rifle is able to easily punch through glass. The advantage the GAT has over many competing products is that an officer can breech glass without ever taking his hands off his weapon.

A new version of the GAT for pistols is designed to fit on a SureFire® X200 and X300 weapon light. This GAT slips over the top of the flashlight's bezel and will fit in all normal police duty holsters which are designed to work with the SureFire light.

To use the pistol version of the GAT, the officer wraps his support hand over the top of the pistol's slide, capturing the trigger finger against the gun's frame to prevent a negligent discharge. The officer then presses the tip of the GAT into the window, causing it to shatter.

According to XS Sight Systems, a number of law enforcement agencies have been testing the weapon light GAT on their pistols and the reports from the field have been outstanding.

The GAT has an MSRP of $80.

Bust a Cap®

Bust a Cap has a line of window breaking caps for expandable batons and flashlights. The caps replace the original tail caps with a cone shaped device which comes to a point made of a specialty steel. The points are not so sharp as to be painful when you rub against them, nor will they catch on, or tear, uniforms.

Currently, Bust a Cap makes glass breaking tail caps for a range of Steamlight and Maglite® flashlights in addition to ASP expandable batons. They do not make tail caps for flashlights or batons which have a button in the tail cap.

Bust a Cap also announced a new glass breaking bezel for SureFire flashlights at the 2012 SHOT Show. The new bezel is a simple replacement of the stock bezels on the SureFire model

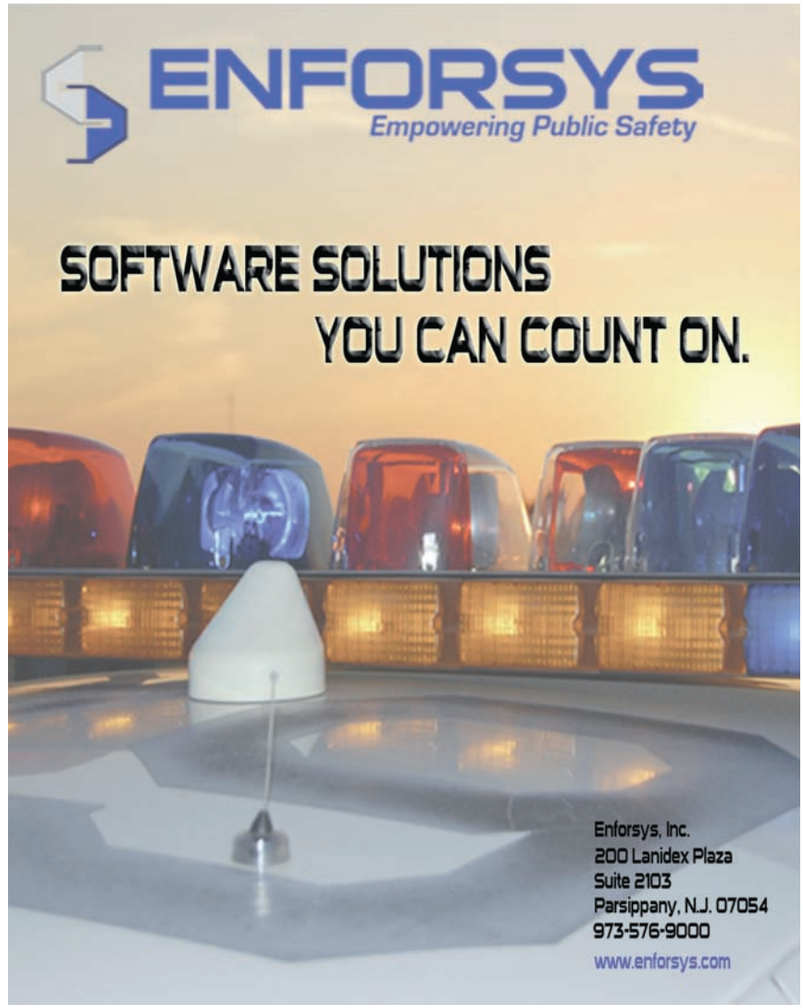
Bust a Cap®s replace the original tail caps on expandable batons and flashlights with a cone shaped device.

6P, G2, Z2 and C2 flashlights.

The new bezel addresses the problem of having the flashlight switch on the tail cap by moving the glass breaking tool to the front of the light. This allows the officer to tap the side window with the front of the flashlight to breech the glass.

Bust a Cap caps retail for $15.99 to $22.50, depending on which model you need. Pricing for the new SureFire bezels has not yet been announced.

Circle 3157 for More Information



See us at the Police Security Expo – Booth #1227

Circle 3158 for More Information

In Michigan, "Super Drunks" Get License Suspensions of Up to One Year and Double the Jail Time

The state of Michigan defines anyone with a Blood Alcohol Level (BAL) of double the legal limit as a "super drunk" – and, therefore, eligible for harsher penalties. Since this law went into effect on Halloween in 2010, it has already resulted in 3,000 convictions – about six per day.

"Super drunks," whose BAL is .16 or higher, can have their driver's licenses suspended for up to one year and first time offenders can even get double the jail time (up to 180 days), along with a fine of as much as $700 and a mandatory ignition interlock device. A second offense can net a one year sentence and a third offense can land the offender in jail for up to five years. Even so, offenders often seek – and receive – lesser penalties, such as probation, which judges have the discretion to grant.

On the other hand, the law does mandate one year of alcohol rehabilitation; offenders who go on probation after serving their time may still have to attend treatment for up to a year. And, drunk driving overall has decreased in several Michigan counties in the past ten years.

Still, habitual offenders remain; because the law is meant for first time offenders, it does not penalize those who have been arrested multiple times for drunk driving.

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The National Rifle Association's Law Enforcement Division, in conjunction with many of the leading law enforcement firearms manufacturers and other organizations, will host various Tuition-Free schools during the upcoming year. All schools will be held at the NRA Headquarters in Fairfax, VA. Registration is **only** being accepted on-line. Participants will be responsible for all other expenses. This program is an extremely popular one and, as such, the number of officers registering is quite substantial. There are a limited number of seats available, so officers are selected to attend by a **RANDOM DRAWING**. **Registration does not guarantee selection.** Should you be selected, you will be notified via phone, fax, E-mail, and/or US mail by a member of the LEAD staff approximately eight weeks prior to the school. Nonselected individuals will NOT be notified. Certain requirements may need to be met in order to attend these schools. To enter, applications will **ONLY** be accepted on-line through our Web site at **www.nrahq.org/law/training/armorerschools.asp.**

Training Date	Tuition-FREE School
June 4-5	Beretta 90 Series Pistol & PX4 Pistol Armorer
June 6	Benelli M1/M2 Shotgun Armorer
June 18-19	Mossberg 500/590/590DA Shotgun Armorer
June 20-21	AR-15/M-16 Rifle Armorer
June 22	M1911/1911A1 Pistol Armorer
July 19	GLOCK Pistol Armorer
Aug. 1-2	Remington 870P Shotgun Armorer
Aug. 20	Preparing First Responders for the Active Shooter
Aug. 29	OFFICER DOWN! – Lessons Learned from the Line of Duty Deaths in 2011
Sept. 25	GLOCK Pistol Armorer
Oct. 3	FBI Law Enforcement Officers Killed & Assaulted – Officer Safety/Street Survival Training
Oct. 22	"Officer Involved Shooting – An Inside Perspective" & "Managing a Police Shooting Incident"
Nov. 1	GLOCK Pistol Armorer
Nov. 27-29	Simunition Instructor & Safety Certification Course
Dec. 17-18	SIG SAUER "P" Series Pistol Armorer

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The Hinderer CLS™ (Combat Life Saver) has a built-in window punch.

The new Redpoint Rescue knife features a built-in seat belt cutting tool.

The carbide tip on the Spyderco Assist is recessed.

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Gerber Hinderer CLS™

Gerber makes a knife with a built-in window punch called the Hinderer CLS (Combat Life Saver). The CLS is a folding knife with a partially serrated 3.5" blade.

Unlike some rescue knives with window punches, the Hinderer CLS has a sharpened, not blunted, tip. This makes the Gerber a more appealing knife choice for law enforcement officers.

The MSRP is $80 for the Gerber CLS.

Buck® Redpoint Rescue

Buck Knives recently introduced the new Redpoint Rescue knife which has a 2 3/4" drop point blade and a tempered glass breaker in the rubber coated handle. There is also a specialized seat belt cutting tool built into this knife.

The knife can be had in bright yellow or in black. The Redpoint Rescue has an MSRP of $55.

Spyderco Assist

The Spyderco Assist is a folding knife designed for rescue. The Assist has a blunted tip, serrated blade and a tungsten carbide window punch.

The window punch on the Assist works differently from what is found on many other knives and multitools. Instead of having a tip which is always exposed or spring-loaded, the carbide tip on the Spyderco is recessed.

To deploy the Assist window punch, the officer squeezes the folded knife which pushes the tip out for use. Release your squeeze and the tip retracts.

The Spyderco Assist has an MSRP of $134.95.

Final Thoughts

Breeching glass, especially automotive glass, can be a difficult chore without the right tools. Using a baton or flashlight can get the job done with the right amount of strength and the right striking point on the window. However, it is not a reliable way to force entry.

In law enforcement, we sometimes only have one chance to get it right. Delays in breeching glass can result in a suspect having time to shoot another officer or an auto accident victim being burned alive. Neither are good outcomes.

Using one of the specialty tools made specifically for breaking glass will dramatically increase our ability to get the job done right on the first attempt.

About the Author: Richard Johnson is a police officer and trainer with a mid-sized police department in Central Florida. He operates the police training Web site, BlueSheepdog (www.bluesheepdog.com).

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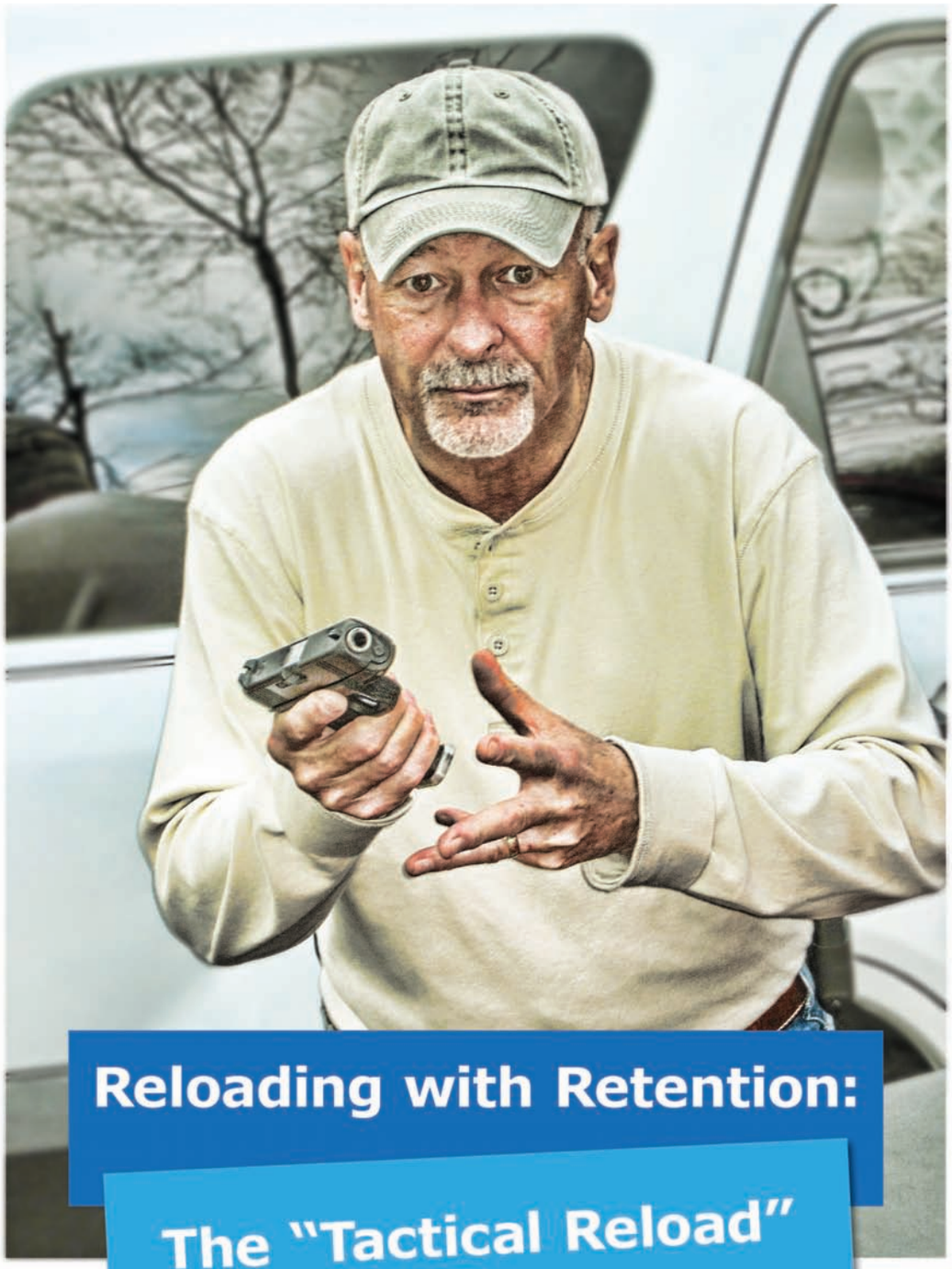

Reloading with Retention:

The "Tactical Reload"

Dave Spaulding

The tactical reload with retention is taught to be executed when there is a "lull" in the gunfight. The question is: When will that be?

Sometimes, it might be obvious that your assailant is down after an exchange of gunfire and you have no reason to believe there are others involved. This would be a good time to reload in the event your attacker rises up and starts to fight again. But, short of actually having your opponent in your field of view, can you ever be assured of how long this lull will last? Maybe it's not a "lull" at all, but a flanking maneuver which will soon place you in your opponent's sights. If I could offer you some telltale signs of what a lull in the action will be, I would do so; however, I don't know what they are short of visual confirmation. I'm not sure anyone does.

Is This Worth Teaching?

With this in mind, should instructors spend valuable time teaching a tactical reload? Is it a valid technique or just something to teach to fill up training time? The idea of being able to retain valuable ammo sounds like a good one since no one can predict how much will be needed to end a fight. Statistics accumulated over decades of research

The Gunsite Technique traps the partially spent magazine between the ring and pinky fingers.

reveal that most conflicts (non-battlefield) are over rather quickly with just a few rounds fired, but no research guarantees this. The one thing I will guarantee is that Mr. Murphy is alive and well and he will visit you when you least need his involvement. Training to statistics is just not something I would advise, but that is up to you. My thought on tactical reloads is that they should be taught, but not a great deal of valuable instruction/training time should be used. In a fight, when in doubt, there is no doubt – DON'T! If you don't know how much time you have, reload as fast as possible – time is life in a gunfight.

Various Techniques

Over the last few decades, several techniques to retain partially loaded magazines have been developed and I attribute them to particular schools. I call them the Gunsite Technique, the Thunder Ranch Technique and the Mid-South Technique, respectively. In addition, I will include one I simply call the "Kneel-Down" as it is descriptive of the physical action taken. The Gunsite Technique is part of the Modern Technique of the Pistol, as it is still taught at the famed Gunsite Academy. To use, the shooter acquires the spare magazine as if they are going to perform a speed load, but, instead of jettisoning the magazine in the gun, the support hand is placed below the grip and the magazine is dropped into the hand with the ring and pinky fingers capturing it. The magazine is pulled from the grip and the hand rotated until the loaded magazine is below the magazine well and is then inserted.

This technique was created when the only double stack magazines came from either a Browning Hi-Power or a Smith & Wesson® Model 59 and the majority of pistol shooters were using some type of single column magazine. Trying to capture a GLOCK® magazine with its thick plastic housing can be problematic when using the ring and pinky fingers, but it can be done. That said, many find it easier to use the Thunder Ranch Technique when using a double stack magazine. Invented by

The Thunder Ranch method uses the greater dexterity of the thumb and index finger to control the partially spent magazine.

Merely catch the partially spent magazine in the support hand, stow it in the pocket, and perform a conventional speed reload.

To ease insertion of the partially spent magazine into the pocket, use the tip of the index finger as a guide to hook the edge of the pocket and then shove the magazine home with the heel of the hand.

Clint Smith, this technique uses the greater tactile sense in the thumb and index fingers to secure the partially spent magazine. Like the Gunsite method, the support hand holding the reload is placed below the magazine well and the magazine ejected. It is caught between the index finger and thumb, rotated to place the reload under the grip which is now trapped between the index and middle fingers. Both techniques have been proven to work in the field and it comes down to which you prefer.

Juggling Act

Both the Gunsite and Thunder Ranch methods require two magazines to be "juggled" in the same hand. Shooters using double stack magazines and having medium to small hands might find such manipulation difficult. When I attended John Shaw's Mid-South Institute of Self- Defense Shooting, his answer was to eject the partially spent

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magazine into the empty support hand which places it into a pocket and then performs a conventional speed reload. Shaw could perform this technique so quickly that it did not look like a retention technique at all. Many shooters find this faster to perform than either of the first two, while others find it to be slower. It is simpler as only one magazine is in the support hand at a time. In competition circles, this method is called a *reload with retention* and offers continuity with the speed reload. A technique I like since it is easy to do and requires little to learn is to kneel close to the ground and perform a conventional speed load. This places the partially spent magazine on the ground just in front of the shooter where it is easy to retrieve and allows the shooter to take low cover or just be a smaller target.

Pocket It

It is advisable to place the partially loaded magazine into a pocket separate from other fully loaded magazines with the exception of one circumstance – *if it happens to be the only magazine you have!* If the magazine you just saved is now the spare, it makes little sense burying it in a pocket. What if you need it? Isn't that why you kept it?! In this situation, it makes a great deal of sense to place the magazine in the empty magazine pouch for easy access. If other magazines are available,

then place the partially loaded one in a pocket. There is no reason to fiddle with this – put the magazine in your hand with the index finger tip to tip with the top round just like you would if you were trying to perform a speed reload. By doing this, you give yourself a felt index to "hook" the edge of the pocket with the index finger which acts as a guide. Once the index finger is inserted into the pocket, the magazine can then be pushed down along the palm of the hand and into the pocket. The index finger and palm will act as a funnel to slide the magazine into place.

Final Thoughts

Like all things training related, learning which of these tactical reload techniques is best for you is a journey of discovery. Learn, and then practice, each one using speed as a stressor to see which will work best for you when digital dexterity is at a premium. If you fumble around more with one than another, you probably have your answer as to which is best for you. It may even be a good idea to practice both the Gunsite or Thunder Ranch methods and the Mid-South reload with retention so you give yourself options which can come in handy in conflict. Options are always a good thing!

About the Author: Dave Spaulding is a 34 year veteran of law enforcement and security operations. He retired with the rank of lieutenant and worked in all facets of law enforcement, including communications, corrections, patrol, court security, investigations, undercover operations, SWAT and training. He is the author of over 1,000 articles which have appeared in law enforcement and firearms publications and is the author of two best-selling books. He was named the 2010 Law Enforcement Trainer of the Year by ILEETA and Law Officer *magazine.*

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The Demand for Mobile Forensics Continues to Grow

Cell phone evidence is of indispensable value in the same way that computer forensics traditionally has been of great value in helping corroborate what happened.

Every day, more and more people are using smartphones. The amount of data which is wirelessly transmitted continues to increase at an impressive rate. According to the results of a semi-annual survey released by CTIA-The Wireless Association in April, there was a 43 percent increase in the number of active smartphones and wireless enabled PDAs in 2011 (111.5 million).

"If you think about what cell phones are today, they're moving away from simple cell phones toward smartphones which are tiny, powerful computers that people are walking around with everyday," said Det. Cindy Murphy, a computer and mobile forensics examiner with the Madison (Wisconsin) Police Department.

The value is not just in the cell phone call history and text messages, Murphy said. "It's about the ability to Google search whatever you want and have information at your fingertips," she said. "Cell phones become diaries of people's lives."

"As police officers and detectives," Murphy said, "we're trying to find out what was happening in somebody's life, to whom they were talking, what the contents of those conversations were, and how they relate to a crime we're investigating. That's indispensable evidence we can't afford to overlook."

Gary Kessler, mobile forensics examiner and a member of the Vermont Internet Crimes Against Children Task Force, describes how there is probably more probative information found on a mobile device per byte examined than on computers. "When you seize a cell phone from a suspect's hip, it's much more difficult for the suspect to claim that somebody else was using that phone," Kessler added.

Big Bytes

According to the results of a semiannual survey released by CTIA-The Wireless Association in April, annual US wireless data traffic increased 123 percent from 2010 to 2011 (866.7 billion MB).

Cell Phone Forensics Realities

Cell phone forensics has led to some surprising results. Do you think a cell phone which has been exposed to water, fire, harsh weather – or even run over by a large SUV – is worthless? Think again. "Don't think that there's no chance of getting evidence out of it," Murphy said. "Leave that up to someone who has experience. We can resurrect phones which look and seem completely destroyed."

Cell phone examiners today can perform deeper analyses by getting at the chip level, said Bill Teel, Founder and President of Teel Technologies. "That more extensive analysis, when you dismantle the phone to get at the memory, is something that's more appropriate for the lab," he added.

Cell Phone Forensics Complexities

Cell phone forensics isn't easy. There's the network, or tower, end of cell phone forensics (the data which is held by the cell phone carriers); there's call history; and, then, there's the handset. Many agencies handle each of those pieces separately.

In *Cell Phone Evidence Data Extraction and Documentation*, Murphy outlines the many challenges:

- The immense variety of cell phones on the market;
- The variety of tools and techniques used to examine a cell phone;
- It's not always possible to isolate a phone from surrounding networks;
- In most cases, it's necessary to apply more than one tool to extract and document data from the phone and its storage media; and
- The number of apps from which to collect data is increasing.

"There's a lot of complexity there," Murphy said.

Frequently, officers will ask cell phone examiners, "Can you just run this cell phone quick while the suspect is waiting – if it doesn't take long, the suspect will give us consent to search the phone."

The assumption that cell phone forensics is fast and easy and that the tools do the work is false, Murphy clarified. Some examinations are easier than others.

The growth in smartphone use, according to Teel, has added another dimension to getting data out of a phone. There are many types of information stored on smartphones, beyond incoming and outgoing calls, text messages and pictures. "We're now diving in and looking for Skype chats, Facebook contacts and a multitude of data from

When you seize a cell phone from a suspect's hip, it's much more difficult for the suspect to claim that someone else was using that phone.

other apps, " he said. "There's far greater memory and much more useful content."

Getting all of the information off a smartphone is the new challenge, Teel said.

"You never know what you're going to find," Murphy said. "You may find nothing or you may find the mother lode."

To officers requesting a cell phone examination, she suggests providing as much information as they can (rather than asking, "Can you examine this phone for evidence?"). She said officers should provide the overall context of the case, including dates and times, names, phone numbers and the suspected criminal behavior. That makes what can

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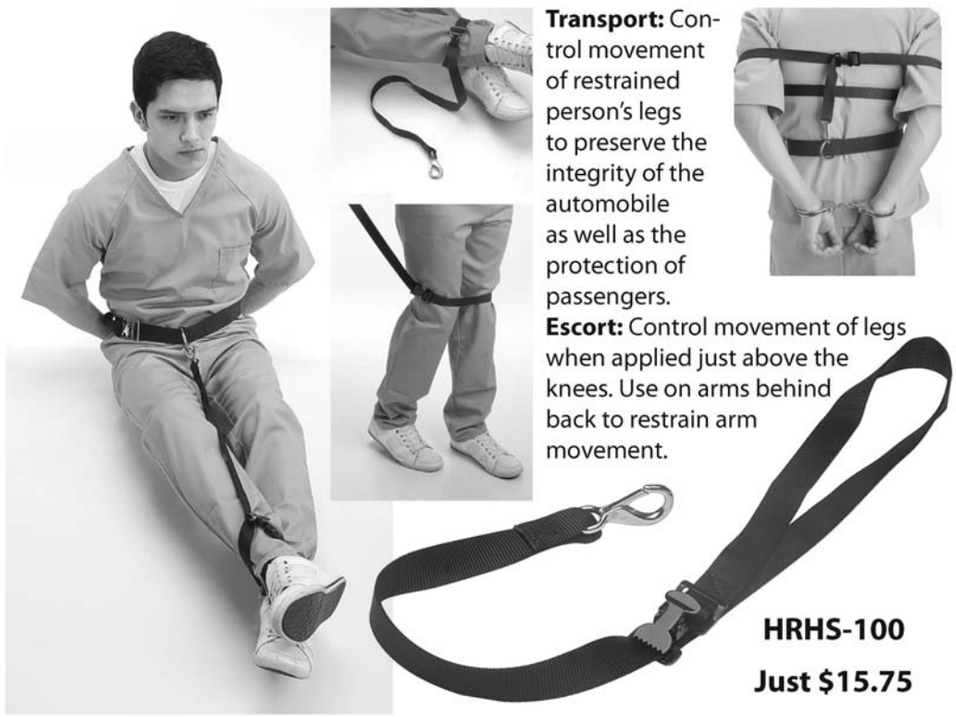

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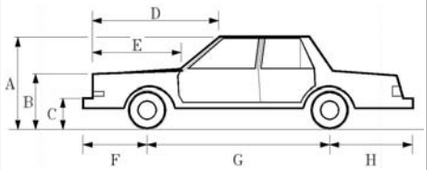

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Evidence Data Extraction and Documentation

No matter what someone's role is with regard to evidence data extraction and documentation, he (or she) should be following a process, Murphy emphasized.

Murphy wrote *Cell Phone Evidence Data Extraction and Documentation* not to give agencies a specific process to follow, but to emphasize the need for a process. Since she first self-published the journal paper on-line in 2009, she has invited others to comment on the paper, and she incorporates changes and updates the paper once a year.

Kessler said officers should carefully examine their search warrant templates for mobile devices. "Several years ago," he said, "it was sufficient to say we want to look for a contact list, call history, images, text messages and any other pertinent data. That was before the day we were imagining that other pertinent data could also include E-mail, your entire browsing history, GPS points, documents you may have downloaded – Word, PDF, that kind of stuff. So, I think we need to revisit the way in which we're writing our warrants, just to be sure that we're covering ourselves appropriately."

A case decided February 29 in the US Court of Appeals for the 7th Circuit ruled it is legal for police to search cell phones to determine their phone number without a warrant; however, more intrusive searches were not included in the ruling.

The law in this area is ever changing, said Senior Assistant State Attorney for Connecticut's Stamford/Norwalk Judicial District, Richard Colangelo. "Know the parameters of the information that you can get by just looking at a phone," he said. "To be safe, get a search warrant. Then, you don't have to worry about the legal challenges down the road."

Once officers have a warrant, they need to know what information on the device is relevant. Kessler has seen search warrants which direct him to recover photographs off of the phones' SIM cards. While a phone may have photographs, they will not be on a SIM card. "Work with your local experts to be sure that you're asking for things that make sense," he said. "I'm a big fan of getting as broad a search warrant as you can that is not overly broad."

Today's phones and mobile devices can contain gigabytes of information. Evidence gleaned from mobile devices can be astounding, Kessler said, noting that, when he first looked at a phone with GPS info, it had about 17,000 GPS points.

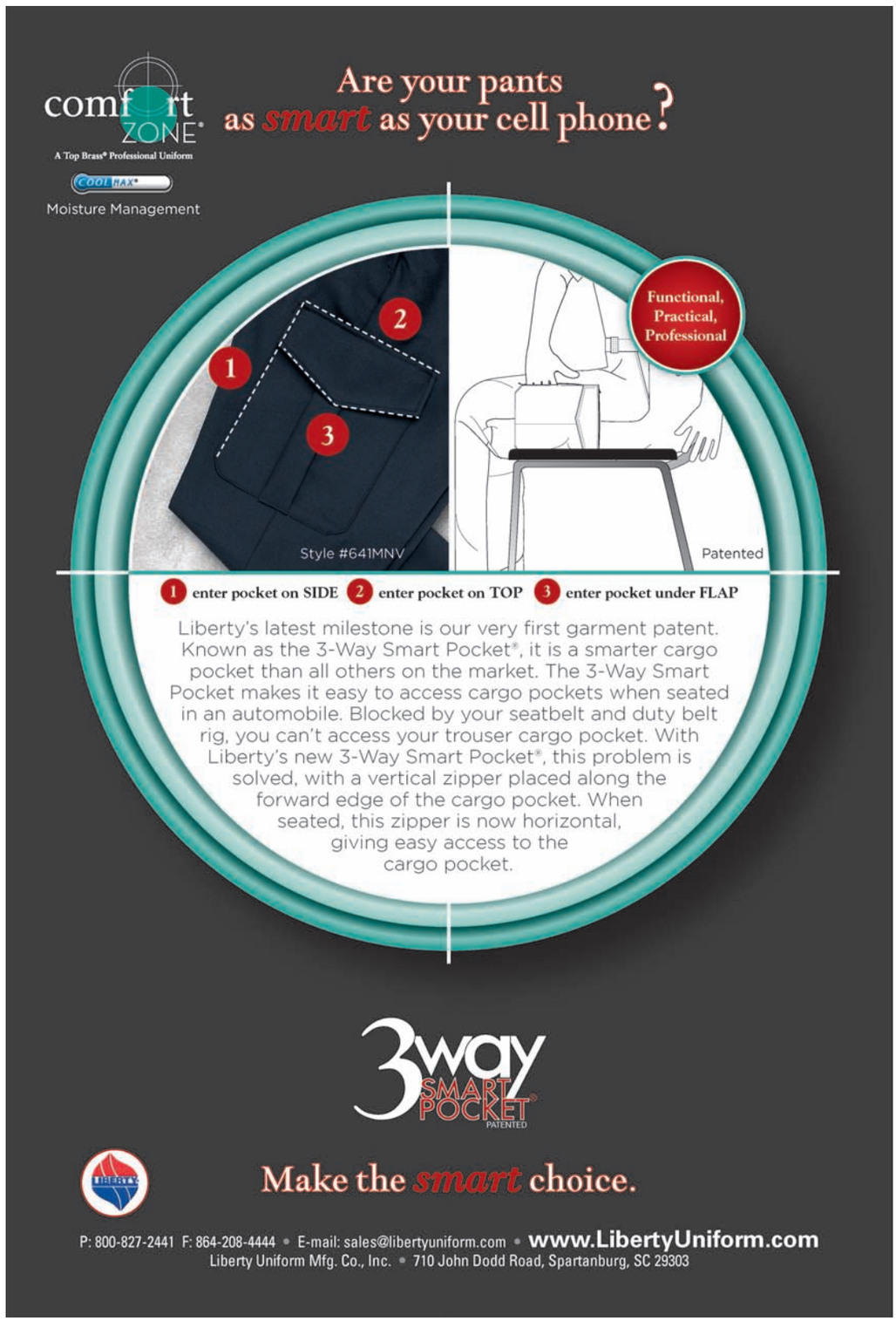
Photos also can be helpful. "People like taking pictures of themselves," he said. Kessler has seen pictures of people in the process of their criminal acts and pictures showing the fruits of their criminal acts, such as suspects posing with their drugs, guns or money. "It turns out to be very effective evidence which frequently never has to be shown to a jury because people see it and they realize what a jury will think." This leads to faster adjudication, he said.

Cell Phone Forensics Tools

The information which can be obtained from mobile devices in the field (logical analysis) is very different from what a forensic examiner can obtain in the lab (physical analysis).

In the field, officers should keep in mind that they're only going to be able to get a limited amount of data from a smartphone, Teel said. "You wouldn't want to go out in the field and expect to get a full dump of an iPhone® because that can take a long time," he said. It's not uncommon, according to Teel, for a forensic examiner doing a full analysis on a smartphone in a lab to let the data collection process run overnight.

Officers in the field should focus on the data



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which can be acquired quickly, Teel said, like verification of a subject.

Logical analysis software and hardware can locate all the files on a phone which have not been deleted or hidden, including text messages. This type of tool is less costly and was designed to be used by the officer on the street with minimal training, Kessler said. They can grab a phone, capture the basic data and give it back.

Companies like Cellebrite and Micro Systemation offer tools for logical and physical analysis. James Rowley, Area Manager for Micro Systemation, a global company in forensic technology for mobile device examination, said, "Having a tool that can be used easily at the patrol level is an important consideration. A lot of these situations are going to be a quick, logical exam, like looking through a phone versus a physical exam, so being able to see the results immediately in the field is key."

More detailed analyses should be left to the cell phone forensics examiner. Physical analysis gets everything off the phone which can be gotten – including deleted messages, deleted contacts and more. This type of software is more difficult to use and interpreting the data is harder, Kessler said. It requires special training.

Rowley pointed out that today's text messages might not be in the phone, but rather in a peer to peer application. Physical analysis tools can be used to parse contacts and information from Facebook, Skype, peer to peer instant messaging and more.

Don't assume that, because a cell phone is damaged, it cannot be a valuable source of information.

Cellebrite USA Corp., a global company known for its work in the cellular communication industry, pioneered mobile phone to phone content transfer. Keith Daniels, Director of Forensic Sales for Cellebrite USA Corp., said that his company's good working relationship with cellular carriers enables Cellebrite to update its support for new phones virtually as soon as they're released.

Daniels pointed out a benefit of proactive analysis. "If you've got the proper tools in your organization, and you use them upon arrest or prior to the interview, you can find evidence of the crime, other leads for your case, and possibly use it to bring a confession." This approach, he said, is better than having to corroborate evidence months later for the court case.

Especially in the forensics lab, costs related to analysis can be steep, Teel said. "Part of the justification for the cost – reasons that the costs are so high are partly because there's a big R&D effort for cell phone forensics," he said.

Teel said the initial investment for mobile device forensics is high, as are the ongoing costs. Manufacturers produce about 200 new phones every quarter, he said, which requires forensics labs to work constantly to keep up with a moving target. As president of Mobile Forensics Central, Teel helps digital forensic investigators identify the solutions they need to examine the mobile devices with which they are confronted. He recommends that departments prioritize their purchases based on the types of phones they are seeing. Different cell coverage areas have different concentrations of phone brands, he pointed out.

Departments using just one of these software types are potentially limited, Kessler said. However, many departments cannot afford the more expensive physical analysis software and the training it requires. This is where partnerships among departments can help.

Cell Phone Forensics Partnerships

Small law enforcement agencies lacking resources and training can reach out to larger agencies, including state and federal agencies, for assistance. They may also benefit from exploring resources within their communities and establishing partnerships with other law enforcement agencies. Across the country, task forces, like the

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Before You Buy

Questions to ask a company before purchasing a cell phone forensics tool:

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- Does the tool analyze the latest phones?
- Does the tool have the ability to bypass Android™ swipe codes?
- Does the tool analyze BlackBerry®s?
- Does the tool do a logical or physical dump or both?
- Can the tool get data from GPS devices?
- What hardware or software does the tool depend on to run? Do I need to install drivers on my computer to get it to work?
- What kinds of accessories does the tool kit include?
- Does the vendor forensically test and validate each device they claim as supported?

Internet Crimes Against Children task forces, deal with high-tech issues. Universities may have digital forensics programs and could supply task force members.

Small and large agencies could benefit from partnerships or task forces which could help them acquire technology they alone could not afford. "Some agencies are pooling their funds to get capabilities that they all then share," Teel said. Some groups are using one centralized lab, he said, which is a good idea as long as the lab can keep up. "There's recognition that the amount of data that is required from cell phones has pushed the demand for analysis off the charts in some places," Teel said.

In Connecticut, Richard Colangelo estimates 90 to 95 percent of the cases which come through his office have a cell phone component. Colangelo obtained about $141,000 in grant funding to start an Internet Crimes Against Children Task Force for the judicial district. About 30 percent of the funding will be used on cell phone data recovery equipment and officer training. Colangelo plans to house the technology in one central location which is accessible to the judicial district's eight towns and cities.

Each department will have a MacBook® Pro laptop with Lantern – a forensic tool for iPhones, iPad®s and iPod®s, from Katana Forensics. "By pooling our resources, each department will have access to more than one tool and the latest technology," he said.

Colangelo spent a lot of time researching tools for cell phone forensics. "While all the tools are good at what they do," he said, "some are better for different types of platforms. I wanted to make sure that the tools we are getting would complement each other so we wouldn't have anything fall through the cracks."

Colangelo strongly encourages agencies to partner with one another. "That's how you can maximize any funding that you potentially can get," he explained. "Unfortunately, these are expensive tools and the upkeep or license renewal fees are expensive."

Training

It's important to have officers trained to know how to handle cell phone evidence. Murphy put together a pamphlet just for patrol officers.

The answer to how to handle cell phones is not simple. It's not a matter of turning the cell phone off. "There are a set of questions officers need to go through to determine what makes the most sense to preserve the evidence until a deeper examination can be done," she said.

Teel said officers in the field should know how to properly analyze the device and protect it from the network. They need to know how to avoid damaging the device and how to not spoil the evidence by putting their fingers all over it, he said. There are classes available, he adds.

"The biggest single place where I think more training is needed," Kessler said, "is in the proper seizure and storage of the phone prior to it ever being examined." Unlike computers, which are generally secure once officers seize them and have the hard drive, mobile devices can be altered as long as they are turned on and connected to a network, he said.

As for cell phone forensics, Kessler said it's

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Resources

• *Cell Phone Evidence Data Extraction and Documentation*, first written by Det. Cindy Murphy in 2009 and updated annually.

• *Documentation of Cell Phone Evidence in Non-Felony Cases: Suggested Practices*, written by Det. Cindy Murphy

• *Collection of Cell Phones as Evidence: Suggested Practices*

Web Sites

• **SEARCH.org** – SEARCH is a multifaceted organization focused on helping to identify and solve the information management and information sharing challenges facing justice and public safety organizations at the federal, state, local, and tribal levels.

• **www.nw3c.org** – The mission of the National White Collar Crime Center is to provide training, investigative support and research to agencies and entities involved in the prevention, investigation and prosecution of economic and high-tech crime.

• **www.mobileforensicscentral.com** – Mobile Forensics Central is a tool to help digital forensic investigators identify the solutions they need to examine the mobile devices they are confronted with, and to learn what information they can expect to retrieve from those devices.

• **www.phonescoop.com** – Phone Scoop is a comprehensive resource for mobile phone shoppers, users, enthusiasts, and professionals, focusing on the U.S. market.

Training

• BK Forensics – BK Forensics is comprised of active and retired federal, state and local law enforcement, along with academic professionals, working in the computer and cell phone forensic field.

• Teel Technologies – Teel Technologies Training offers a comprehensive curriculum of training from introductory to smartphone to advanced chip-off.

really a specialty unto itself. Physical analysis requires a different level of training. That training should include a balance of vendor specific training and generalized training looking at the process of cell phone forensics.

Daniels advocates certification training and knowing how to use a tool. The tool may be easy to use, but possessing the ability to understand and verbalize the process in court is what's important.

Teel teaches examiners how to access the raw data on the memory chips through chip-off and JTAG forensics. "We're doing a lot of training in that area," he said. "People are really liking it, as it gives them the ability to complement the standard commercial tools with a lower level capability. If they are running into a wall, such techniques enable the examiner to continue to pursue the data."

About the Author: Rebecca Kanable is a freelance writer specializing in law enforcement topics. She can be reached at kanable@charter.net.

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In Search of Intelligent Life

James L. McClinton, Ph.D

"OK, I'LL GO ALONG WITH IT, BUT ONLY IF YOU PROMISE A FULL REFUND IF I'M NOT COMPLETELY SATISFIED!"...

Prosecutors in Camden, South Carolina, say a 30-year-old man needed money badly to buy crack cocaine, but the best plan he could devise was getting a friend to telephone his mother and demand a ransom. Though the man, according to the phone call, supposedly had been beaten up by kidnappers and dumped in a secret location and was "near death," the "kidnapper" asked only for $100. The not so eager mother procrastinated a bit until she and the caller had negotiated the ransom down to $60. The money drop was made and sheriff's deputies arrested the man who was caught running from the site with the loot. *(You've got to hand it to this woman – she really knows how to strike a good bargain!)*

Sort of like shooting yourself in the foot for laughs... A Washington, DC, driver thought he had a really good idea for a joke, but the joke's on him – to the tune of $20,000. The man's prank started when he got a vanity license plate reading, "NO TAGS." He said that he was "just having fun!" and that "DC don't get the joke. They don't get it." So, what's the problem? Each time a car without proper identification is cited for a violation, a DMV employee enters "NO TAGS" into their paperwork. Because the man's vanity plate is registered with the District of Columbia's DMV, his name and vehicle appear in the computer's system whenever a "NO TAGS" violation is entered. Notices for the fines are then mailed to his residence. *(Here's a suggested replacement vanity plate which will solve all of his problems: "NO BRAINS.")*

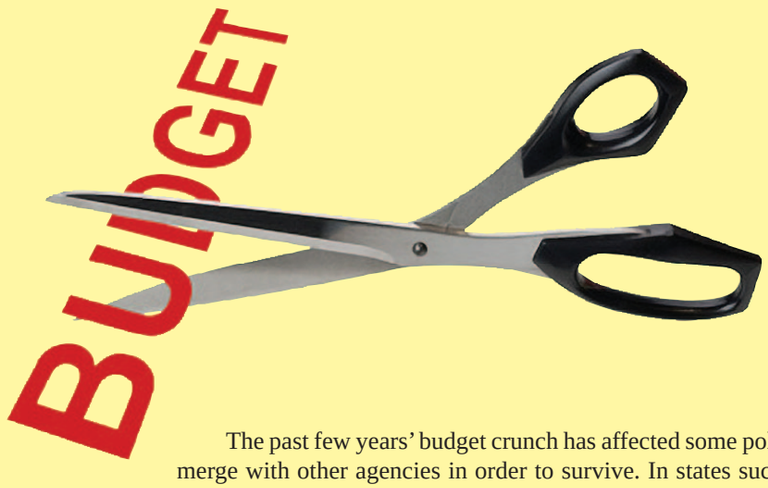
There was a "meth" to her madness... A woman was recently arrested in Tulsa, Oklahoma, and charged with attempting to manufacture methamphetamine. Such a story is hardly newsworthy these days, but the location of her attempted crime makes it stand head and shoulders above similar incidents. The woman was trying to manufacture her illegal drugs at her neighborhood Walmart. Police say she had been in the store for more than six hours gathering up materials to manufacture the stuff. Then, she set up in the back of the store and started to combine chemicals. She had just finished mixing a bottle of sulfuric acid with starter fluid when she was placed under arrest. *("Attention shoppers: Pharmaceuticals are in aisle four. Methamphetamine is in aisle five.")*

His fantasy of a "backseat encounter" with the woman of his dreams probably didn't portray him as being alone – and in handcuffs... A man in San Francisco seems to have become infatuated with a female police officer on patrol in his neighborhood. While the officer was parked, he walked up and attempted to strike up a conversation. He was persistent in his quest, asking the officer if she was married or available. The cop's instincts kicked in and, on a hunch, she asked the man for his name. He gladly gave it to her, but her interest seemed to fade. He got discouraged and walked away. The officer then ran a check of police records and, sure enough, found that he was a wanted man with an outstanding no bail warrant. The good news is that our Romeo got to see the object of his affection once again – when she placed him under arrest. *(Rule #1 of trying to pick up chicks says to never give your real name – especially if you have outstanding warrants and the "chick" is a cop!)*

And, you thought "rope-a-dope" was a boxing term?... Police officers gathered to stake out a vacant field in Colerain Township, Ohio, where they had left the $22,000 ordered by an alleged extortionist. They waited for about an hour, but the criminal failed to show. Then, one officer noticed that the money was slowly moving across the field – apparently on its own. Police did a little checking and finally caught up with the suspect who was pulling a very, very, long, partially concealed rope from a location at some distance from the drop site. *(This crook proved the old adage: Give someone enough rope and he'll hang himself!)*

"This is a money, give me your stickup! Put the loot in the gun or I'll use my bag!"... Police in London stepped up their search for the man who tried to rob the Halifax bank in October, but escaped empty-handed. He had demanded 700,000 pounds ($1,110,000 US) from a bank employee and then, intending to hand over the bag that he had brought for the money, instead absentmindedly handed over his gun. Realizing his mistake, he dashed out the door. *(It's just as well – had he actually pulled the robbery off, he probably would have ended up giving the loot to his trashman and keeping the garbage.)*

Is this the form of democracy which we're trying to export to the Third World?... The Washington, DC, area Metro transportation agency had hired, as a financial consultant, a woman with multiple convictions for bank fraud who had been implicated in one of Washington's largest heroin rings. Furthermore, even when the agency learned of her record, it neither disciplined her nor removed her from her finance responsibilities. A Washington newspaper reported that Metro has other lax management issues. A Maryland state attorney recently revealed that a Metro employee had been "storing" 70 unaccounted for pieces of Metro property (including computers and televisions) at his home for years and, following that news, according to the newspaper, other employees began



NEWS

Budget Crunches Force Some Law Enforcement Agencies to Merge

The past few years' budget crunch has affected some police departments so deeply that they have had to shutter their doors and merge with other agencies in order to survive. In states such as Utah and Pennsylvania, consolidations or regionalizations have saved money and made service delivery more efficient. That's leading officials in other communities to consider similar measures.

Agencies are sharing SWAT teams, crime labs, dispatch centers and other services, according to a 2011 Justice Department report. More than three dozen Pennsylvania cities have closed or reduced operations since 2010, coming to rely more on state police even for 911 house calls. Seventy-seven percent of International Association of Chiefs of Police members provide some degree of support to other agencies and 70 percent of the 63 Major Cities Chiefs Association members have been consolidating some operations.

The financial savings help to avoid layoffs, as well as offset costs from patrol fleet repairs, overtime, crime labs and other major budget outlays. In Utah, where a group of municipal agencies now form precincts in the Unified Police Department of Salt Lake, response times have dropped from 15 minutes to just six on average – there are now more officers to rely on. Access to services like victim assistance has improved and more bilingual officers are available.

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sheepishly returning similar property. *(Is this where former congressmen go to work after failing to get reelected?)*

Sorry, guys, but it just wasn't "in the cards!"... A car salesman who worked at a lot in Austin, Texas, was happy to show his inventory to two prospective customers. The two men agreed that they had settled on a Nissan Maxima for around $9,000. "They asked if I took Visa®," the salesman told a local TV station. "I said, 'Yeah.'" The next day, the two men returned with 90 $100 Visa gift cards. Naturally, the salesman thought it would be prudent to call the police. Officers later found at least 28 counterfeit credit cards on the pair and charged them with fraud and identity theft. *("OK, I'll see your MasterCard® and raise you one Visa!")*

He can stand under his mistletoe and "kiss" his freedom goodbye... In Decatur, Georgia, a 66-year-old man was arrested on a firearms charge for gathering holiday mistletoe in the "best way" he knew – shooting it out of a tree with a 12-gauge shotgun. The fact that the tree was in the parking lot of the suburban North DeKalb Mall (which happened to be filled with holiday shoppers at the time) apparently was not a consideration for the shooter. "Well," he told a local TV station, "about the time I did it, I got to thinking about it. I guess I assumed that everybody knew what I was doing." *(Yeah, that's the problem – everyone knew exactly what he was doing and that's why they were scared to death!)*

This lenient judge had a soft heart (for herself) and, apparently, a brain to match!... A 43-year-old woman got three tickets – two alleging parking violations and another alleging that her automobile registration had expired. So, authorities said, she dismissed them. The woman is a district judge in Lancaster, Pennsylvania. The $268.50 she saved on the tickets, though, may cost her much more: She's now facing a dozen criminal charges; six of them felonies. And, she's been placed on leave – paid leave, because, said the county's president judge, "I have no power to suspend her." *(I can understand throwing yourself on the mercy of the court, but not when you're the presiding judge!)*

I suggest this defense attorney take the term literally and continue to "practice" law until he finally gets it right... A defense attorney argued that a bag of marijuana uncovered during a Pennsylvania traffic stop could have belonged to a man other than his client. But, his theory quickly unraveled in court after an arresting officer recalled the suspect asking him, "Can I have my weed back?" His 19-year-old client was one of four men in a car stopped by Midland police. His attorney said that the marijuana could have belonged to any one of the men in the car. But, the prosecutor told the judge, "I don't know what else 'Can I have my weed back?' can mean, other than it's his." A Beaver County newspaper reports that a district judge agreed with the prosecutor and ordered the accused to stand trial on marijuana possession charges. *(Why is it that those who lack intelligence seem to enjoy insulting the intelligence of those who have it?)*

New Technology

New Rifle Features a Next Generation Piston System

Colt Defense LLC recently released the **LE6940P**, a modular carbine which has an Articulating Link Piston (ALP) operating system and offers shooters a highly accurate, lightweight and easy to clean AR platform rifle with an extended lifespan. The ALP operating system reduces inherent stress in the piston stroke by allowing for deflection and thermal expansion. Measuring 35" with the stock extended and weighing just over six and a half pounds, the 5.56mm, magazine fed carbine has a semiautomatic rate of fire with 700 to 950 rounds per minute.

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New Concealed Carry Belt Pouch

The low profile **JK-2** from Maxpedition is an alternative to traditional belt holsters. The front of the **JK-2** has a zippered slip pocket and the main compartment has a three-quarter opening with dual zippers. The main compartment also includes one #3535 SneakT Universal Holster with Mag Retention and can hold most medium framed to full-sized handguns with an extra magazine. The **JK-2** attaches to your belt via an integrated belt loop or can be attached via two, three inch TacTie® attachment straps.

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New Training Vehicle

The **Target Tracker** is a UGV, an unmanned guided vehicle (also referred to as an RCEV) which is a remote control electric vehicle. Designed for "real-life" target training, this mobile system holds virtually any target (up to the 120-350 lb. weight limit); is easy to set up; and great on rugged terrain. An assortment of attachments is available for actual field usage such as a (4) Tactical Shield Carrier and an Emergency Medical Evacuation Stretcher, controllable with an AR rail mounted remote controller so an officer can fight and operate the unit at the same time.

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New Laptop Backpack

The overall dimensions of the new **TestudoT Laptop Backpack** from Maxpedition are approximately 16" x 12" x 5", while the main compartment measures 19" diagonally to accommodate a 17" laptop computer which is easily accessible via the compartment's full clamshell opening with dual zippers. The front of the bag has two large zippered pockets, a slip pocket and a CCW compartment. The back of the bag has two padded backpack straps which are concealable when not in use.

Circle 3186 for More Information

New Blade Assist Knife

New from COAST Products is the **Rapid Response**® blade assist knife with the SAT™ (Smooth Assist Technology™) system which features a roller cam built into the blade and COAST's patented Max-Lock™ system which completely secures the blade when it is closed and double locks the blade when it is open. The knives have fiberglass filled nylon handles and heat-treated, stainless steel liners to make them strong and corrosion-resistant.

Circle 3187 for More Information

New Backpacks Added to TSSi's Product Line

Tactical & Survival Specialties, Inc. (TSSi) recently introduced three new backpacks to the TACOPS brand of products. The **RHINO Large Backpack** is a multimission, multiday operations pack. The **NOVA ELITE Computer Bag** has an integrated storage compartment for laptop and tablet computers. The **MERLIN Rollup Packable Backpack** stows away into an integrated pouch and can be stored in the **RHINO** and **NOVA ELITE** to provide additional carrying capacity. The **RHINO** and **NOVA ELITE** feature a channeled breathable mesh padded back panel, adjustable length padded shoulder straps and adjustable sternum straps.

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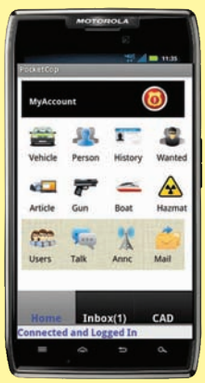
New Solution for Android Smartphones



PocketCop®, from InterAct™, is now available for qualified **Android smartphones**, delivering critical information (including FBI databases, state motor vehicle files and photos, and agency records) needed for making decisions in the field. With touch enabled icons, and drop down menus, PocketCop is optimized for the Android full touch screen user interface.

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New Tactical Gear Retractors

Maxpedition is now offering high quality, heavy-duty, retractable gear tethers with a stainless steel spring; subdued hardware; and a durable, lightweight Kevlar® cord. The **Tactical Gear Retractors** are made in the USA and have several attachment styles and retraction forces from which to choose.

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New Traffic Calming System

The **Traffic Guard**, from Astro Optics, LLC, is a temporary, portable speed bump system which can be easily deployed and retrieved in seconds by one person. It is sectioned and hinged to conform to uneven road surfaces and its compact size allows it to be easily transported and stored.

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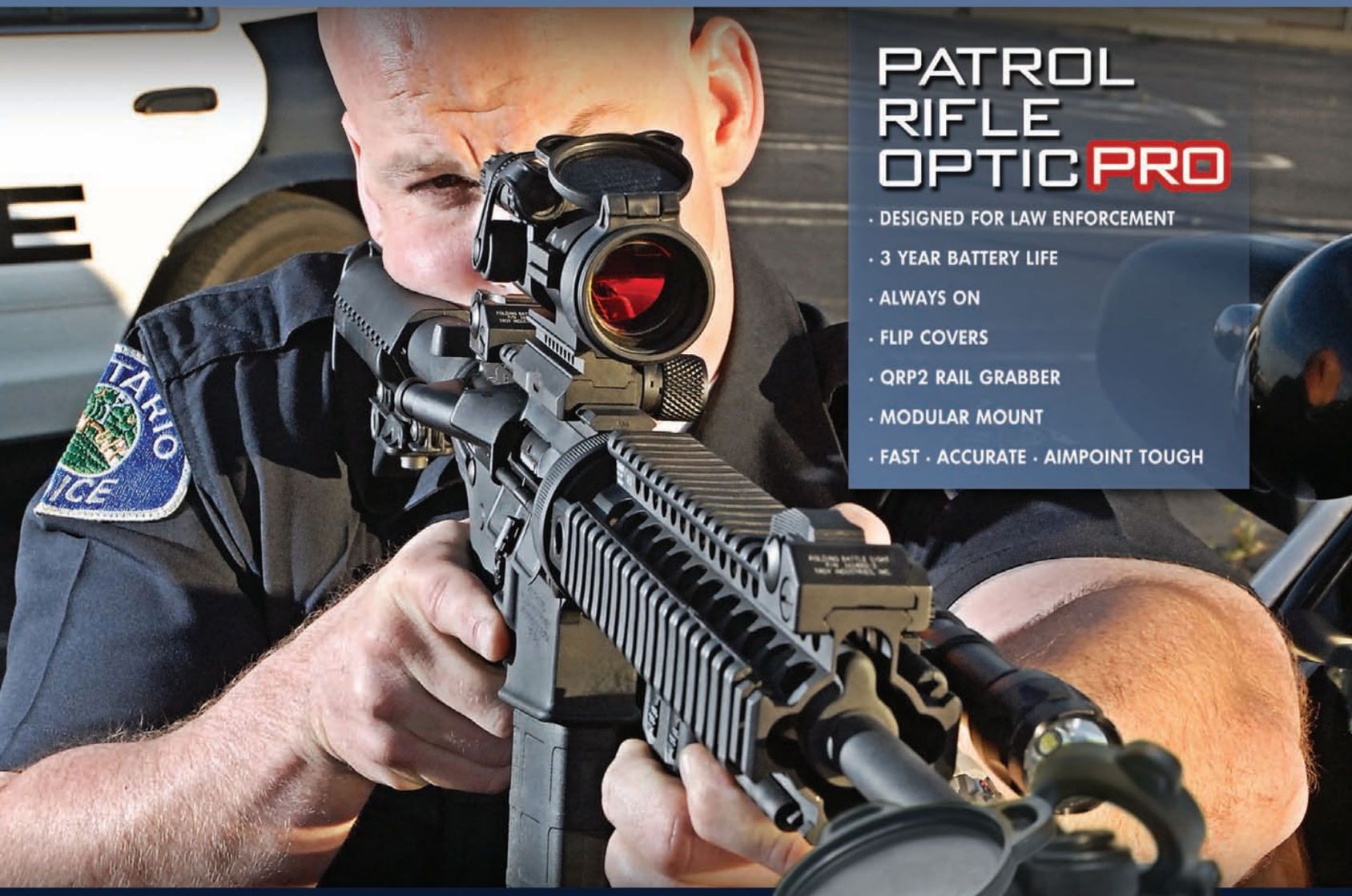

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